

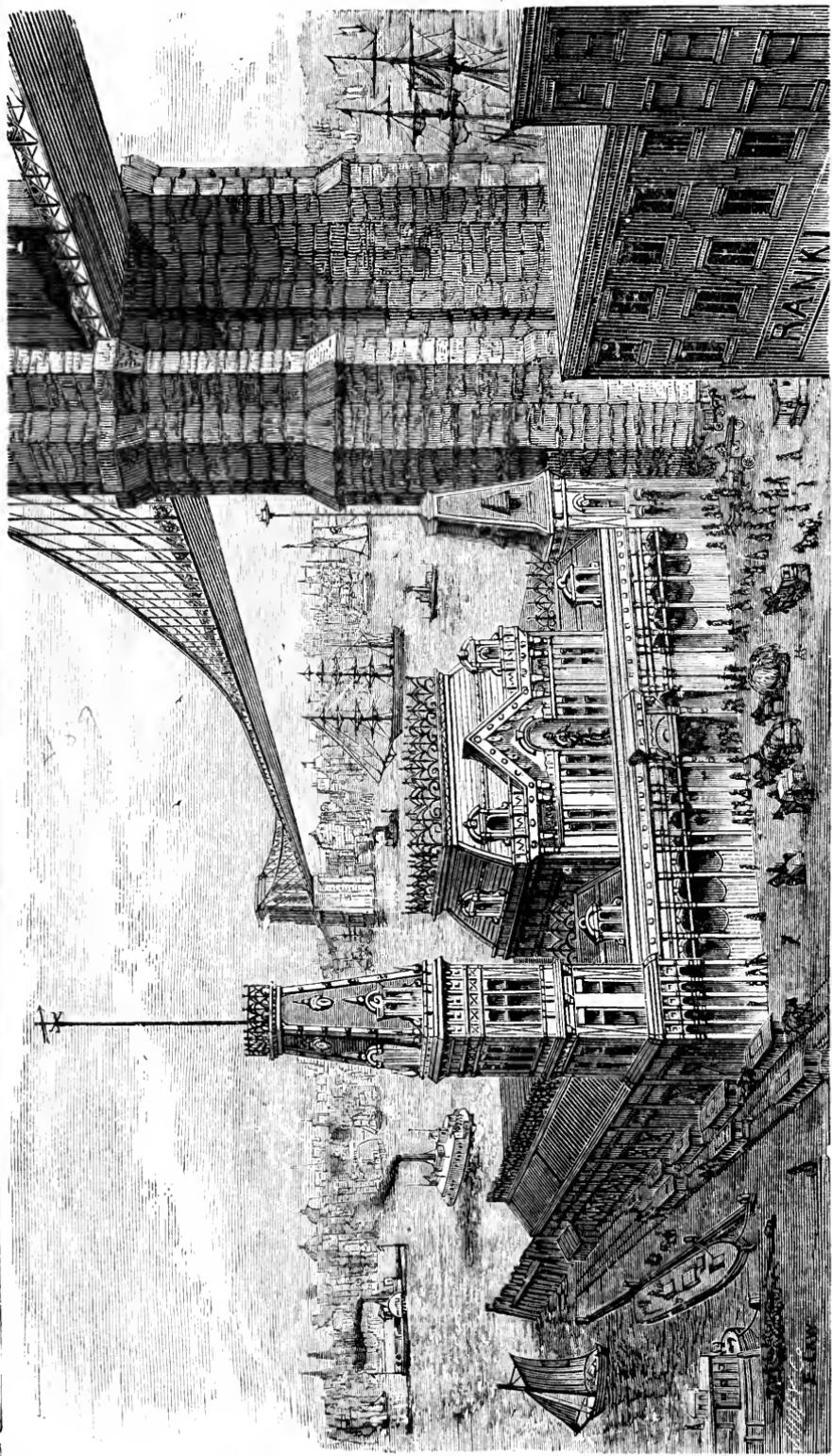
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COLLECTION OF
FACTS, DATES, & STATISTICS
FROM THE
STATISTICAL BUREAU
AT
WASHINGTON

NEW YORK AND BROOKLYN SUSPENSION BRIDGE—THE LONGEST IN THE WORLD—NOW IN A FORWARD STATE OF COMPLETION.

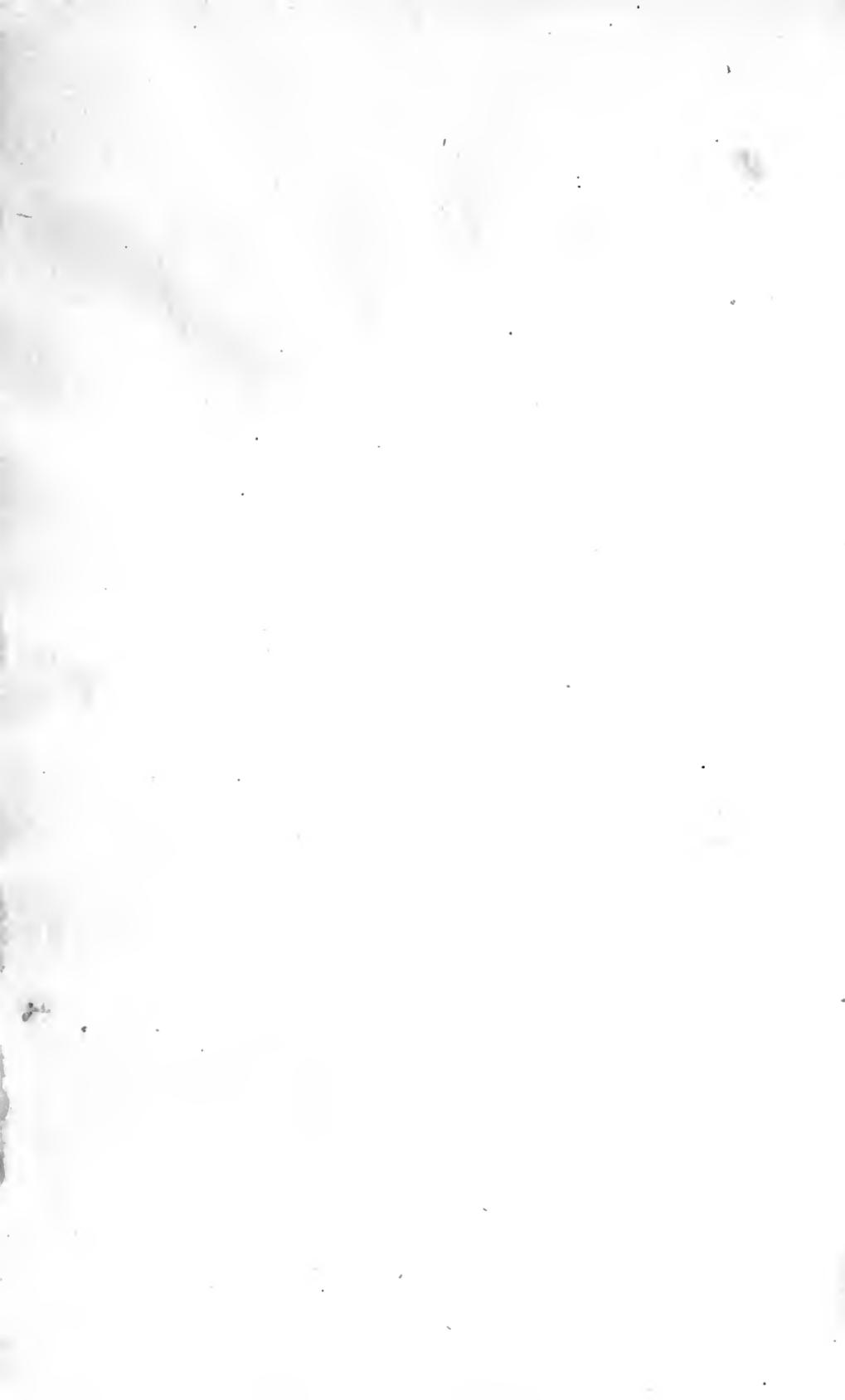
Supported by four cables, each 16 inches in diameter. Contains tracks for steam cars, carriage ways, and walks for foot passengers, with an elevated promenade above. Estimated cost, twelve millions of dollars.



Single Span,	1555½ feet	Total Length,	1555½ feet	From high water up to roadway,	120 feet
New York Approach,	"	Length, 2892½ "	"	From high water up to centre of span,	155½ "
Brooklyn,	"	Height of Towers,	"	From roadway to top of towers,	158 "
	"	Width in Centre,	"	From roadway to bottom of towers,	85 "
	"	Width at Ends,	"	From roadway to base of towers,	100 "



THE LIBRARY
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HANDBOOK
OF THE
UNITED STATES OF AMERICA,
AND
GUIDE TO EMIGRATION;

GIVING THE LATEST AND MOST COMPLETE STATISTICS
OF

THE GOVERNMENT, ARMY, NAVY, DIPLOMATIC RELATIONS, FINANCE,
REVENUE, TARIFF, LAND SALES, HOMESTEAD AND NATURALIZA-
TION LAWS, DEBT, POPULATION OF THE UNITED STATES, AND
EACH STATE AND CONSIDERABLE CITY, AGRICULTURAL
CONDITION, AREA FOR CULTIVATION, FOREIGN COINS
AND THEIR VALUE, FOREIGN AND DOMESTIC
POSTAGES AND LABOR TABLES, EDUCATION
AND RAILWAYS, ETC., ETC.,

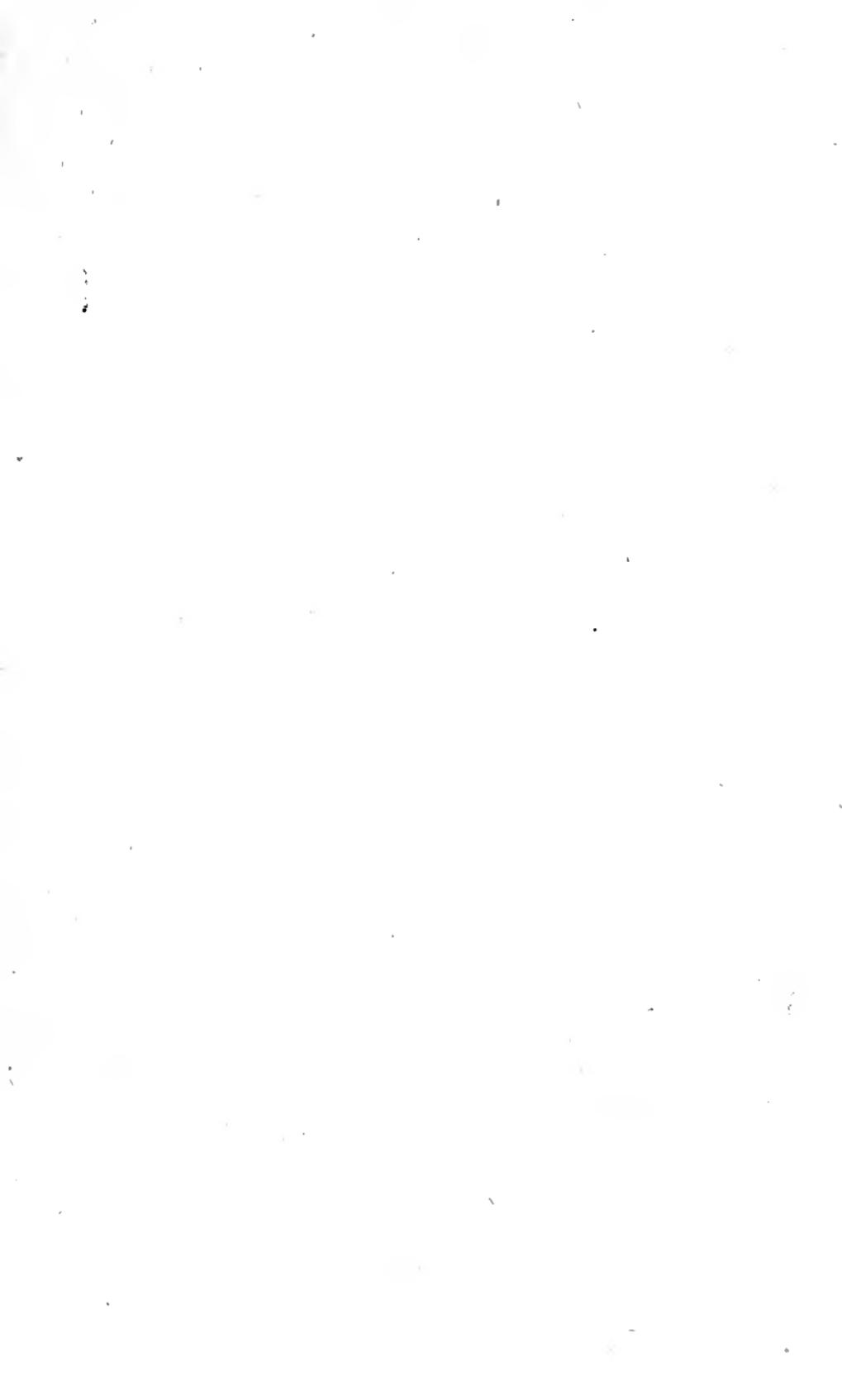
FURNISHING ALL THE NECESSARY INFORMATION CONCERNING
THE COUNTRY,

FOR

THE SETTLER, THE BUSINESS MAN,
THE MERCHANT, THE FARMER, THE IMPORTER & THE PROFESSIONAL MAN.

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NEW YORK:
GAYLORD WATSON, PUBLISHER, 61 BEEKMAN STREET.
1881.



CONTENTS.

	PAGE
Title.....	1
Publisher's Preface.....	3
Contents.....	5
The General Government:—President—Vice-President—State Department.....	7
Diplomatic Officers.....	8
Foreign Legations in the United States.....	9
Treasury Department.....	10
War Department.....	11
Navy Department.....	12
Department of the Interior.....	13
Post Office Department.....	13
Department of Justice.....	14
The Judiciary.....	14
Department of Agriculture—Government Printing Office—Department of Education.....	16
U. S. Mint and Branches.....	16
Legislative Branch of the Government—Congressional Districts.....	17
Presidents under the Federal Constitution—Vice-Presidents—Chief Justices of the Supreme Court—Associate Justices of the Supreme Court.....	18
Apportionment of Representatives.....	19
Expense of Maintaining the Government.....	19
Valuation of Property, etc., in the United States.....	20
The Public Debt of the United States.....	21
National Debt, March 1, 1879—Liabilities.....	22
Public Debt at its Maximum—Coin and Currency Values.....	23
Reduction of the National Debt from March, 1869, to January, 1881.....	24
Debt of each Administration.....	24
Paper Money of the United States.....	25
Gold and Silver Coins—Petroleum Production—Territorial Governments.....	26
Banks and Banking in the United States.....	27
States and Savings Banks in the United States.....	28
States and Savings Banks Returns.....	29
Legal Interest in the States and Territories.....	30
Business Failures in the United States.....	31
Rates of Postage.....	32
Railroad System of the United States.....	36
Difference in Time—Large Cities of the World.....	37
Imports and Exports.....	38
Silk Manufacture and Importation of Silk Goods.....	39

	PAGE
Educational.....	40
Religious Statistics.....	46
The Census—Census of the United States, taken in 1870.....	47
Population of all the Cities of the United States.....	48
Order of the States, in point of Population, at several periods.....	50
Order of Territories.....	50
Population of States by Races—Comparative Increase of Population.....	51
Area of the United States.....	52
The Individual States of the Union.....	53
Immigration.....	55
New Naturalization Law.....	57
Presidential Vote.....	60
History of the Presidential Election and Inauguration.....	66
Declaration of Independence.....	71
Constitution of the United States.....	73
Agricultural Statistics.....	88
Indian Corn—Wheat—Oats.....	89
Barley—Rye—Buckwheat—Potatoes.....	89
Hay—Cotton—Tobacco.....	90
Rice, Sugar and Molasses.....	92
Live Stock.....	93
Weight of a Bushel.....	94
The Labor Question.....	96
Average Weekly Wages.....	100
Average Price of Commodities.....	105
Advice to those seeking New Homes	106
Homestead for Soldiers.....	119
Internal Revenue.....	120
Stamp Duties.....	122
The Finance Bill.....	124
Custom House Fees	125
The West.....	126
Historical Chronology.....	146
Police Statistics in Various Cities.....	162
The Queen and Royal Family of England.....	166
Foreign Nations.....	167
Commerce with Great Britain.....	168
British America.....	171
Exports and Imports.....	175
Carrying Trade of the Dominion.....	175
Postal Facilities and Post-Offices, etc.	176

THE GENERAL GOVERNMENT.

THE PRINCIPAL DEPARTMENTS, OFFICERS OF THE CABINET, THE ARMY AND NAVY,
AND THEIR SUBORDINATES—DIPLOMATIC RELATIONS—OUR MINISTERS AND
CONSULS TO FOREIGN COUNTRIES, AND THEIRS TO THIS COUNTRY.

UNITED STATES GOVERNMENT.

PRESIDENT.

RUTHERFORD B. HAYES, of Ohio. Term expires March 4, 1881.

The President is chosen by Electors, who are elected by the People, each State having as many as it has Senators and Representatives in Congress. He holds office four years; is Commander-in-Chief of the Army and Navy of the United States; has power to grant pardons and reprieves for offenses against the United States; makes treaties, by and with the advice and consent of the Senate; nominates, and, with the consent of the Senate, appoints, all Cabinet, Diplomatic, Judicial and Executive officers; has power to convene Congress, or the Senate only; communicates with Congress by message at every session; receives all Foreign Ministers; takes care that the laws are faithfully executed, and the public business transacted. Salary \$50,000 a year.

VICE-PRESIDENT.

WILLIAM A. WHEELER, of New York. Term expires March 4, 1881.

Is chosen by the Electors at the same time, and in the same manner as the President; is President of the Senate, and has the casting vote therein. In case of the death, resignation, disability or removal of the President, his powers and duties devolve upon the Vice-President for the residue of his term. In cases of vacancy, where the Vice-President succeeds to the Presidential office, the President of the Senate becomes *ex-officio* Vice-President. Salary \$10,000 a year.

THE STATE DEPARTMENT.

Preserves the public archives, records, laws, documents and treaties, and supervises their publication; conducts all business and correspondence arising out of Foreign Relations; makes out and records passports, commissions, etc.

Department Officers.

	Salary.
Secretary of State—Wm. M. Evarts, of New York.....	\$8,000
Assistant Secretary—Fred. W. Seward, of New York.....	3,500
Second Assistant Secretary—Wm. Hunter, of Rhode Island.....	3,500
Third " " —Charles Payson, of Mass.....	3,500

Diplomatic Officers.

COUNTRY.	NAMES.	OFFICE.	FOREIGN RESID'NCE.	SALARY.
Great Britain.	James Russell Lowell.	Minister.	London.	\$17,500
do	Wm. J. Hopper.	Secretary Legation.	do	2,625
do	Ehrman S. Nadai.	2d Sec. Legation.	do	2,625
do	Adam Badeau.	Consul General.	do	6,000
do	Stephen B. Packard.	Consul.	Liverpool.	6,000
do	S. F. Cooper.	do	Glasgow.	3,000
do	Lewis Richmond.	do	Belfast.	2,500
East Indies.	A. C. Litchfield.	Consul-General.	Calcutta.	5,000
Australia.	Oliver M. Spencer.	Consul.	Melbourne.	4,500
Canada.	John Q. Smith.	Consul-General.	Montreal.	4,000
Russia.	John W. Foster.	Minister.	St. Petersburg.	17,500
do	Wm. H. Edwards.	Secretary Legation.	do	2,625
do	S. P. Young.	Consul-General.	do	2,000
do	L. E. Dyer.	Consul.	Moscow.	3,000
do	A. Wilkins.	Consul.	Odessa.	2,000
France.	Edward F. Noyes.	Consul.	Cronstadt.	2,000
do	R. R. Hitt.	Minister.	Paris.	17,500
do	Henry Vignaud.	Secretary Legation.	do	2,625
Spain.	John A. Bridgeland.	Asst. Secretary.	do	2,000
do	John B. Gould.	Consul-General.	do	6,000
do	Lucretia Fairchild.	Consul.	Havre.	3,000
do	Dwight T. Reed.	do	Marseilles.	2,500
Cuba.	Alfred N. Duffie.	Minister.	Madrid.	12,000
Portugal.	Henry C. Hall.	Secretary Legation.	do	1,800
do	Benjamin Moran.	Consul.	Cadiz.	1,500
do	Henry W. Diman.	Consul-General.	Havana.	6,000
Belgium.	William Stuve.	Charge d'Affairs.	Lisbon.	5,000
do	Wm. Cassius Goodloe.	Consul.	do	2,000
do	John Wilson.	Consular Agent.	Oporto.	2,000
Netherlands.	James R. Weaver.	Minister Resident.	Brussels.	7,500
do	James Birney.	Consul.	do	2,500
do	John F. Winter.	Minister Resident.	Antwerp.	2,500
Denmark.	David Eckstein.	Consul.	The Hague.	7,500
do	M. J. Cramer.	do	Rotterdam.	2,000
Sweden & Norway.	Henry B. Ryder.	Consul.	Amsterdam.	1,500
do	John L. Stevens.	Minister Resident.	Copenhagen.	5,000
Germany.	E. L. Oppenheim.	Consul.	do	1,500
do	Andrew D. White.	Minister.	Stockholm.	7,500
do	H. Sidney Everett.	Secretary Legation.	Gettengen.	1,500
do	Chapman Coleman.	Asst. Secretary.	Berlin.	17,500
do	H. Kreissmann.	Consul-General.	do	2,625
do	Alfred E. Lee.	Consul-General.	do	2,000
Saxony.	John H. Steuart.	do	Frankfort.	3,000
Bremen.	Wilson King.	do	Leipsic.	2,000
Hamburg.	John M. Wilson.	do	Bremen.	2,500
Bavaria.	G. Henry Horstman.	do	Hamburg.	2,500
Wurtenburg.	Jos. S. Foiter.	do	Munich.	1,500
Baden.	Edward M. Smith.	do	Stuttgart.	1,500
Austria-Hungary.	John A. Kassou.	do	Manheim.	1,500
do	John F. Delaplaino.	Minister.	Vienna.	12,000
do	James Riley Weaver.	Secretary Legation.	do	1,800
do	A. W. Thayer.	Consul-General.	do	3,000
Switzerland.	Nicholas Fish.	do	Trieste.	2,000
do	John A. Campbell.	Chargé d'Affairs.	Berne.	5,000
do	J. E. Montgoimery.	Consul.	Basle.	2,000
Italy.	George P. Marsh.	do	Geneva.	1,500
do	George W. Wurtz.	Minister.	Rome.	12,000
do	Eugene Schuyler.	Secretary Legation.	do	1,800
do	John F. Hazleton.	Consul-General.	do	3,000
Turkey.	R. Odell Duncan.	Consul.	Genoa.	1,500
do	J. B. Longstreet.	do	Naples.	1,500
do	G. Harris Chapman.	Minister Resident.	Constantinople.	7,500
do	A. A. Gurquilio.	Sec. Leg. & C. Gen'l.	do	3,000
do	Frank S. DeHaas.	Interpreter.	do	3,000
Egypt.	John T. Edgar.	Consul.	Jerusalem.	1,500
do	Elbert E. Farnam.	Consul.	Beirut.	2,000
Greece.	J. Meredith Head.	Agent & Con.-Gen'l.	Cairo.	4,000
Barbary States.	F. A. Matthiws.	Chargé d'Affairs.	Athens.	5,000
Liberia.	John H. Sunth.	Consul.	Tanger.	3,000
Muscat.	Wm. H. Hathorne.	Min. & Consul-Gen.	Monrovia.	4,000
Madagascar.	William W. Robinson.	Consul.	Zanzibar.	1,200
Japan.	John A. Bingham.	Minister.	Tamatave.	2,000
do	Durham W. Stevens.	Secretary Legation.	Ycdlo.	12,000
do	David Thompson.	Interpreter.	do	2,500
do	I. H. Haws.	Consul.	Ilakodadi.	2,500
do	T. B. Van Buren.	Consul-General.	Kanagawa.	4,000
do	W. P. Mangum.	do	Nagasaki.	3,000
do	N. J. Newitter.	do	Osaka.	3,000
Siam.	David B. Sickles.	do	Bangkok.	3,000
China.	George F. Seward.	Minister Resident.	Peking.	12,000
do	Chester Holcombe.	Secretary Legation.	do	5,000
do	Owen N. Denny.	Consul-General.	Shanghai.	5,000
do	Joseph J. Henderson.	Consul.	Amoy.	3,500
do	Charles P. Lincoln.	do	Canton.	3,500
do	Wm. A. Conacher.	do	Chi Foo.	3,500
do	J. C. S. Colby.	do	Chin Kieng.	3,500
do	M. M. Delano.	do	Foo Choo.	3,500
do	R. M. Johnston.	do	Hau Kow.	3,500
do	E. C. Lord.	do	Ning Po.	3,500
Hawaiian Islands.	E. T. Sheppard.	Minister.	Tien Tsin.	3,500
do	James M. Comly.	Consul.	Honolulu.	7,500
Hayti.	James Scott.	Minister Res. & C. G.	do	4,000
San Domingo.	John M. Langston.	Consul.	Portian Prince.	7,500
Mexico.	Paul Jones.	Minister.	St. Domingo.	1,500
do	Philip H. Morgan.	Secretary Legation.	Mexico.	12,000
do	Daniel S. Richardson.	Consul.	do	1,800
do	Augustus J. Cassard.	Consul-General.	Tampico.	1,500
do	David H. Sirother.	Consul.	M. xico.	2,000
do	Warner P. Sutton.	Consul.	Matamoras.	2,000
do	S. T. Trowbridge.	Consul.	Vera Cruz.	3,000
Cen. Am. States.	Cornelius A. Logan.	Minister.	Guatemala.	7,500

COUNTRY.	NAME.	OFFICE.	FOREIGN RESIDENCE	SALARY
Guatemala.....	T. Francis Medina.....	Consul	Guatemala.....	.....
Colombia.....	Ernest Dichman.....	Minister Resident.....	Bogota	7,500
do.....	James Thorington.....	Com. Agent.....	Aspinwall.....	5,500
Venezuela.....	Jehu Baker.....	Minister.....	Caracas.....	7,500
do.....	James C. Eckert.....	Consul	Laguna Yra.....	1,500
Ecuador.....	Phanor M. Eder.....	do	Gnayaquil	1,200
Brazil.....	Henry W. Hilliard.....	Minister.....	Rio de Janeiro.....	12,000
do.....	John C. White.....	Secretary Legation.....	do do	1,800
do.....	Thomas Adams.....	Consul General.....	do do	6,000
Argentina Conf.....	Joseph W. Stryker.....	Minister.....	Pernambuco	2,000
do do	Thomas O. Osborn.....	Consul	Buenos Ayres	7,500
Paraguay & Uruguay.....	Edward L. Baker.....	Charge de Affaires.....	Montevideo, Ur'y.....	5,000
do.....	John C. Caldwell.....	Consul	do do	2,000
Chili.....	Frederick Crocker.....	Minister.....	Santiago	10,000
do.....	Thomas A. Osborn.....	Consul	Valparaiso	3,000
Peru.....	Vacant.....	Minister.....	Lima	10,000
do.....	Isaac P. Christiancy.....	Consul	Callao	3,000
Bolivia.....	Robert T. Clayton.....	Minister & Con. Gen.....	La Paz	5,000
Costa Rica.....	S. Newton Pettis.....	Consul	San Jose	3,000
Friendly Islands.....	Arthur Morell.....	do	Apia	3,000
Honduras.....	Thomas M. Dawson.....	do	Amapala	3,000
Salvador.....	George A. K. Morris.....	do	La Union	2,500
Society Islands.....	Clarence C. Ford.....	do	Tahiti	3,000
	Dorrance Atwater.....			

FOREIGN LEGATIONS IN THE UNITED STATES.

COUNTRY.	NAME.	BANK.
ARGENTINE REPUBLIC.....	Senor Don Manuel R. Garcia.....	E. E. and M. P.
".....	Senor Don Julio Pierie	Sec. of Leg., Ch. d'Aff. ad int.
".....	Senor Don Episario Portcia.....	Attache.
AUSTRIA-HUNGARY.....	Vacant.....	E. E. and M. P.
".....	Chevalier Ernest von Tavera.....	Sec. of Leg., Ch. d'Aff. ad int.
".....	Mr. F. B. Undorn.....	2d Sec. of Legation.
BELGIUM.....	Mr. Maurice Delfosse.....	E. E. and M. P.
".....	Mr. Leon Von den Bosche.....	Councillor of Legation.
BRAZIL.....	Councillor A. P. de Carvalho Borges.....	E. E. and M. P.
".....	Mr. Benjamin Franklin Torreto de Barros.....	Secretary of Legation.
CHILI.....	Mr. Joaquin Nabuco.....	Attache.
".....	Captain Arthur Silveira da Motta.....	Naval Attache.
CHINA.....	Senor Don Ignacio Zenteno.....	E. E. and M. P.
".....	Senor Don E. V. Zanartu.....	Attache.
COLOMBIA.....	Chen Lan Pin.....	E. E. and M. P.
".....	Mr. Yung Wing.....	Assistant E. E. and M. P.
".....	Yung Tsang Siang.....	Secretary of Legation.
".....	David W. Bartlett.....	Secretary of Legation.
".....	Senor Doctor Santiago Perez.....	Minister Resident.
".....	Senor Roberto R. de Narvaez.....	Secretary of Legation.
".....	Don G. Espinosa.....	Attache.
COSTA RICA.....	Senor Don Manuel M. Peralta.....	Minister Resident.
DENMARK.....	Lerr Bille.....	Minister Resident.
FRANCE.....	Mr. Max Outrey.....	E. E. and M. P.
".....	Mr. Milon de la Vertville.....	Secretary of Legation.
".....	Mr. Francois de Corcelle.....	Secretary of Legation.
".....	Mr. le Capitaine Anfrye.....	Military Attaché.
".....	Mr. Paul Dejardin.....	Consul Chancellor.
GERMANY.....	Mr. Kurt von Schlozer.....	E. E. and M. P.
".....	Baron Max von Thielmann.....	Secretary of Legation.
GREAT BRITAIN.....	Mr. P. W. Buddecke.....	Chancellor of Legation.
".....	The Right Hon. Sir Edward Thornton, K. C. B.....	E. E. and M. P.
".....	Victor Arthur Wellington Drummond, Esq.....	Secretary of Legation.
".....	Rear Admiral William Gore Jones, R. N.....	Naval Attache.
".....	Hon. Power II, le Tocer Trench.....	Second Secretary.
".....	Mr. Frank C. Lascelles.....	Second Secretary.
".....	Mr. Francis C. E. Denys.....	Third Secretary.
".....	Charles Fox Frederick Adair, Esq.....	Attache.
GUATEMALA, SALVADOR & HONDURAS.....	Senor Don Vicente Dardon.....	E. E. and M. P.
".....	Senor Don J. Sahorio.....	Secretary of Legation.
HAWAII.....	Mr. Elisha H. Allen.....	E. E. and M. P.
HAITI.....	Mr. Stephen Preston.....	Minister Resident.
ITALY.....	Mr. Charles A. Preston.....	Secretary of Legation.
".....	Baron Albert Blanc.....	E. E. and M. P.
JAPAN.....	Count B. Litta.....	Secretary of Legation.
".....	Jushie Yoshida Kiyonari.....	E. E. and M. P.
".....	Shoroku Yoshida Djiro.....	Secretary of Legation.
".....	Mr. Asada Yasunori.....	Attache.
MEXICO.....	Mr. Seinoke Tashiro.....	E. E. and M. P.
".....	Senor Don Manuel M. de Zamacona.....	Secretary of Legation.
".....	Senor Don Jose Y. de Cuellar.....	Second Secretary.
NETHERLANDS.....	Senor Don Cayetano Romero.....	Minister Resident.
NICARAGUA.....	Mr. de Pestel.....	E. E. and M. P.
".....	Senor Doctor Don Adam Cardenas.....	Secretary of Legation.
PARAGUAY.....	Senor Don Joaquin Elizondo.....	E. E. and M. P.
".....	Dr. Benjamin Aceval.....	Secretary of Legation.
	Senor Don Jose S. Decond.....	

Foreign Legations in the United States—Continued.

COUNTRY.	NAME.	RANK.
PERU.....	Vacant.....	E. E. and M. P.
"	Senor Don Ernesto Aservi.....	Secretary of Legation.
PORTUGAL.....	Don Eduardo Villena.....	Secretary of Legation.
RUSSIA.....	Viscount das Nogueiras.....	E. E. and M. P.
"	Mr. Nicholas Shishkin.....	E. E. and M. P.
SPAIN.....	Mr. Gregoire de Williamov.....	First Secretary.
"	Mr. George Bakmeteff.....	Second Secretary.
SWEDEN AND NORWAY.....	Vacant.....	E. E. and M. P.
"	Senor Don Jose Brunetti.....	1st Sec. & Ch. d'Aff. <i>ad int.</i>
TURKEY.....	Senor Don Francisco Soliveres.....	Second Secretary.
"	Senor Don Jose de Soto.....	Second Secretary.
"	Senor Don Luis Polo de Bernabe.....	Third Secretary.
"	Senor Don Carlos Erenchum.....	Attache.
"	Senor Don Tomas de Rueda.....	Attache.
"	Senor Col. Don Teodoro Bermudez.....	Military Attache.
"	Com. Senor Don Juan Montajo.....	Naval Attache.
"	Count Carl Lewenhaupt.....	E. E. and M. P.
"	Mr. C. de Bildt.....	Secretary of Legation.
VENEZUELA.....	GREGOIRE Aristarchi Bey.....	E. E. and M. P.
"	"altazzi Effendi.....	Secretary of Legation.
"	Senor Don Juan B. Dalla Costa.....	E. E. and M. P.
"	Senor Don Andres S. Ibarra.....	Secretary of Legation.

THE TREASURY DEPARTMENT

Receives and has charge of all moneys paid into the United States Treasury, has general supervision of the fiscal transactions of the Government, the collection of revenue, the auditing and payment of accounts, and other disbursements ; supervises the execution of the laws relating to Commerce and Navigation of the United States, the Revenues and Currency, the Coast Survey, the Mint and Coinage, the Light-House Establishment, the construction of Marine Hospitals, Custom-Houses, &c. The First Comptroller prescribes the mode of keeping and rendering accounts for the civil and diplomatic service, and the public land. To him the First, Fifth, and Sixth Auditors report. The Second Comptroller prescribes the mode of keeping and rendering accounts for the Army, Navy, and Indian Departments, and to him the Second, Third, and Fourth Auditors report. The First Auditor adjusts the accounts of the customs, revenue, civil service and private acts of Congress. The Second Auditor adjusts accounts relating to pay, clothing and recruiting of the army, the arsenals, armories and ordnance, and the Indian Department. The Third Auditor adjusts accounts for army subsistence, fortifications, military academy and roads, quartermaster's department and military claims. The Fourth Auditor adjusts the navy accounts, the Fifth diplomatic, and the Sixth postal affairs.

Department Officers.

	Salaries.
Secretary of the Treasury—JOHN SHERMAN, of Ohio.....	\$8,000
Assistant Secretary—John B. Hawley, of Illinois.....	4,500
“ —Henry F. French, of Massachusetts.....	4,500
Supervising Architect—James G. Hill, of Massachusetts.....	4,500
Treasurer of United States—James Gilfillan, of Connecticut.....	6,000

Department Officers—Continued.

	Salary.
Assistant Treasurer of United States—Albert U. Wynan, of Nebraska.....	3,600
Solicitor—Kenneth Rayner, of Mississippi.....	3,000
Superintendent of Life Saving Station—Sumner I. Kimball, of Maine.....	4,000
Superintendent Coast Survey—C. P. Patterson, of California.....	6,000
Cashier—J. W. Whelpley, of New York.....	4,500
Director of the Mint—A. L. Snowden, of Pennsylvania.....	4,500
Register of the Treasury—Glenn W. Scofield, of Pennsylvania.....	4,000
Comptroller of the Currency—John J. Knox, of New York.....	5,000
Commissioner of Internal Revenue—Green B. Raum, of Illinois.....	6,000
Bureau of Statistics—Joseph Nimmo, Jr., of New York.....	2,400
Bureau of Engraving and Printing—O. H. Irish, of Nebraska.....	4,500
First Comptroller—Albert G. Porter, of Indiana.....	5,000
Second Comptroller—William W. Upton, of New Hampshire.....	5,000
Commissioner of Customs—Henry C. Johnson, of Pennsylvania.....	4,000
1st Auditor—Robert M. Reynolds, of Alabama.....	3,600
2d Auditor—Ezra B. French, of Maine.....	3,600
3d Auditor—Horace Austin, of Maine.....	3,600
4th Auditor—Stephen J. W. Tabor, of Iowa.....	3,600
5th Auditor—Jacob H. Ela, of New Hampshire.....	3,600
6th Auditor—J. M. McGrew, of Ohio.....	3,600

THE WAR DEPARTMENT

Has charge of business growing out of military affairs, keeps the records of the army, issues commissions, directs the movement of troops, superintends their payment, stores, clothing, arms and equipments and ordnance, constructs fortifications, and conducts works of military engineering, and river and harbor improvements.

Department Officers.

	Salary
Secretary of War—ALEXANDER RAMSEY, of Minnesota	\$8,000
Chief Clerk—H. T. Crosby, of Pennsylvania.....	2,500
Inspector General—Brevet Major General Randolph B. Marcy, of Mass.....	
Judge Advocate General—Colonel Joseph McKee Dunn, of Indiana.....	
Adjutant General—Brevet Major General E. D. Townsend, of D. C.....	
Quarter Master General—Brevet Major General M. C. Meigs, of Penn.....	
Commissary General—Brigadier General Robert Macfeely, of Penn.....	
Surgeon General—Brevet Major General Joseph K. Barnes, of Penn.....	
Paymaster General—Brevet Brigadier General Benjamin Alvord, of Vt.....	
Chief of Bureau of Engineers—Brevet Major Gen. A. A. Humphreys, of D. C.....	
Chief of Ordnance Bureau—Brigadier General S. V. Benet, of Florida.....	
Signal Officer—Brevet-Major General Albert J. Myer, of New York.....	

General Officers of Regular Army.

NAME AND RANK.	ENTRY INTO SERVICE.	APPOINTED FROM.	NAME AND RANK.	ENTRY INTO SERVICE.	APPOINTED FROM.
<i>General.</i>					
Wm. T. Sherman.....	July 1, 1840	Ohio	<i>Retired List.</i>		
<i>Lieutenant-General.</i>					
Philip H. Sheridan.....	July 1, 1853	Ohio	Major-Generals.		
<i>Major-Generals.</i>			Joseph Hooker.....	July 1, 1837	California.
Winfield S. Hancock.....	July 1, 1844	Penna.	S. P. Heintzelman.....	July 1, 1826	Penna.
John M. Schofield.....	July 1, 1837	California.	Thomas J. Wood.....	July 1, 1845	Kentucky.
Irwin McDowell.....	July 1, 1838	Ohio.	John C. Robinson.....	Oct. 27, 1839	New York.
<i>Brigadier-Generals.</i>			Daniel E. Sickles.....	Nov. 29, 1862	New York.
Oliver O. Howard.....	July 1, 1854	Maine.	Samuel S. Carroll.....	July 1, 1856	Dist. Col.
Alfred H. Terry.....	Jan. 13, 1865	Conn.	<i>Retired List.</i>		
Edward O. C. Ord.....	July 1, 1839	Maryland.	Richard W. Johnson.....	July 1, 1849	Kentucky.
Christopher C. Augur.....	July 1, 1843	New York.	James B. Ricketts.....	July 1, 1839	New York.
George Crook.....	July 1, 1838	Ohio.	Eli Long.....	Jun. 27, 1856	Kentucky.
John Pope.....	July 1, 1842	Illinois.			

Military Geographical Divisions and Departments.

1. *Division of the Missouri.*—Departments of Dakota, of the Missouri, of the Platte, and of Texas; headquarters at Chicago, Illinois.
2. *Division of the Atlantic.*—The New England States, the States of New York, New Jersey, Pennsylvania, Delaware, Maryland, Virginia, West Virginia, Ohio, Michigan, Wisconsin, Indiana, and the District of Columbia; headquarters at New York City.
3. *Division of the Pacific.*—Departments of California, of the Columbia, and of Arizona; headquarters at San Francisco, California.
4. *Division of the South.*—Departments of the South and of the Gulf; headquarters at Louisville, Kentucky.
5. *Department of the Missouri.*—The States of Missouri, Kansas and Illinois, and the Territories of Colorado and New Mexico, and Camp Supply, Indian Territory; headquarters at Fort Leavenworth, Kansas.
6. *Department of the Platte.*—The States of Iowa and Nebraska, and the Territories of Utah and Wyoming; headquarters at Omaha, Nebraska.
7. *Department of Dakota.*—The State of Minnesota, and the Territories of Dakota and Montana; headquarters at St. Paul, Minnesota.
8. *Department of California.*—The State of Nevada, the post of Fort Hall, Idaho Territory, and so much of the State of California as lies north of a line from the north-west corner of Arizona Territory to Point Conception, California; headquarters at San Francisco, California.
9. *Department of the Columbia.*—The State of Oregon, and the Territories of Washington, Idaho, excepting Fort Hall, and Alaska; headquarters at Portland, Oregon.
10. *Department of Arizona.*—The Territory of Arizona, and so much of the State of California as lies south of a line from the north-west corner of Arizona Territory to Point Conception, California; headquarters at Prescott, Arizona Territory.
11. *Department of the South.*—The States of North Carolina, South Carolina, Georgia, Florida, (except the Gulf posts from Pensacola Harbor to Fort Jefferson and Key West, inclusive), Alabama, including the posts in Mobile Bay, Tennessee and Kentucky; headquarters at Louisville, Kentucky.
12. *Department of Texas.*—The State of Texas and the Indian Territory, excepting Camp Supply; headquarters at San Antonio, Texas.
13. *Department of the Gulf.*—The States of Louisiana, Arkansas and Mississippi, and the Gulf posts as far eastward as, and embracing, Fort Jefferson and Key West, Florida, excluding the posts in Mobile Bay; headquarters at New Orleans, Louisiana.

THE NAVY DEPARTMENT

Has charge of the Naval Establishment and all business connected therewith, issues Naval Commissions, instructions and orders, supervises the enlistment and discharge of seamen, the Marine Corps, the construction of Navy Yards and Docks, the construction and equipment of Vessels, the purchase of provisions, stores, clothing and ordnance, the conduct of surveys and hydrographical operations.

Department Officers.

	Salary.
Secretary of the Navy—RICHARD W. THOMPSON, of Indiana.....	8,000
Chief Clerk—John W. Hogg, of District of Columbia.....	2,500
Superintendent of Naval Observatory—Rear-Admiral John Rodgers.....	
Hydrographic Office—Captain S. R. Franklin.....	
Superintendent National Almanac—Prof. Simon Newcomb.....	
Commander of Marine Corps—Colonel C. G. McCawley.....	
Chief Signal Officer—Commodore John C. Beaumont.....	
Chief of Bureau of Yards and Docks—Commodore R. L. Law.....	
Civil Engineer—W. P. S. Sanger	
Chief of Navy Bureau—Commodore W. D. Whiting.....	
Chief of Bureau of Ordnance—Commodore Wm. M. Jeffers.....	
Chief of Bureau of Provisions and Clothing—P. M. General G. F. Cutter..	
Chief of Bureau of Medicine and Surgery—Surgeon-Gen. J. W. Taylor.....	
Chief of Bureau of Construction and Repairs—Naval Constructor J. W. Easby	
Chief of Bureau of Equipment and Recruiting—Commodore Earl English..	
Chief of Bureau of Steam Engineering—Chief Engineer W. H. Shock.....	

Officers of the Navy.

NAME AND RANK.	STATE FROM.	ENTRY INTO SERVICE.	NAME AND RANK.	STATE FROM.	ENTRY INTO SERVICE.
<i>Commodores. Active List.</i>					
<i>Admiral.</i>					
David D. Porter.....	Penn.....	Feb. 2, 1829	Thomas H. Stevens.....	Conn.....	Dec. 14, 1836
			Foxhall A. Parker.....	Virginia.	March 11, 1837
			John M. B. Clitz.....	Michigan	April 12, 1837
			Andrew Bryson.....	New York	Dec. 1, 1837
			Donald McN. Fairfax.....	N. C.....	Aug. 12, 1837
			James H. Spotts.....	Kentucky	Aug. 2, 1837
			J. W. A. Nicholson.....	New York	Feb. 10, 1838
			G. H. Cooper.....	New York	Aug. 4, 1837
			J. C. Beaumont.....	Penn.....	March 1, 1838
			J. C. Febliger.....	Ohio	Sept. 4, 1838
			Pierce Crosby.....	Penn.....	June 5, 1838
			J. B. Creighton.....	New York	Feb. 10, 1838
			A. K. Hughes.....	New York	Oct. 20, 1838
			C. R. Calhoun.....	Missouri	April 1, 1839
			Chas. H. Baldwin.....	New York	April 24, 1839
			R. W. Shufeldt.....	New York	May 11, 1839
			I. C. Rhind.....	New York	Sept. 3, 1838
			F. M. Rausom.....	New York	July 25, 1839
			W. E. Hopkins.....	Vermont	Nov. 13, 1839
			Thomas Patterson.....	New York	March 2, 1839
			Wm. N. Jeffers.....	N. Jersey	Sept. 25, 1840
			Edward Simpson.....	New York	Feb. 11, 1840
			Wm. G. Temple.....	Vermont	April 18, 1840
			Samuel B. Carter.....	Tenn	Feb. 14, 1840

THE DEPARTMENT OF THE INTERIOR

Has charge of the survey, management, sales and grants of Public Lands, the examination of Pension and Bounty Land claims, the management of Indian affairs, the examination of Inventions and award of Patents, the collection of Statistics, the distribution of Seeds, Plants, etc., the taking of Censuses, the management of Government mines, the erection of Public Buildings, and the construction of wagon roads to the Pacific.

Department Officers.

	Salary.
Secretary of the Interior—CARL SCHURZ, of Missouri.....	\$8,000
Assistant Secretary—Charles F. Gorham, of Mich	3,500
General Land Office—James A. Williamson, of Iowa, Commissioner.....	4,000
Indian Office—Ezra A. Hayt, of New York, Commissioner.....	4,500
Pension Office—John A. Bentley, of Wisconsin, “	3,600
Patent Office—Halbert E. Paine, “	4,500
Bureau of Education—John Eaton, of Tenn., “	3,000
Census Office—Francis A. Walker, Conn., Superintendent	

THE POST OFFICE DEPARTMENT

Has charge of the Postal System, the establishment and discontinuance of Post Offices, appointment of Postmasters, the contracts for carrying the mails, the Dead Letter Office, maintains an inspection to prevent frauds, mail depredations, etc.

Department Officers.

	Salary.
Postmaster-General— Horace Maynard , of Tennessee	\$8,000
Appointment Office—1st Assistant P. M. General, Jas. M. Tyner, Ind	3,500
Contract Office—2d Assistant P. M. General, Thomas A. Brady, Indiana.....	3,500
Finance Office—3d Assistant P. M. General, Abraham D. Hazen, Penn.....	3,500
Superintendent of Money Order System—C. F. McDonald, of Mass	3,000
Superintendent of Foreign Mails—J. H. Blackfan, of New Jersey.....	3,000
Superintendent of Free Delivery—R. W. Gurley, of Louisiana.....	3,000
Superintendent of Dead Letter Office—E. J. Dallas, of Kansas.....	3,000
General Superintendent R. R. Mail Service—W. B. Thompson, of Ohio....	3,000
Auditor Railroad Accounts—Theophilus French.....	2,000
Superintendent of Bank Agency—Dudley W. Rhodes, of Ohio.....	3,000
Topographer—W. F. Nicholson, of D. C. ....	.....

DEPARTMENT OF JUSTICE.

The Attorney-General, who is the head of this department, is the legal adviser of the President and heads of departments, examines titles, applications for pardons, and judicial and legal appointments, conducts and argues suits in which Government is concerned, etc.

Department Officers.

	Salary.
Attorney-General— CHARLES DEVENS , of Mass.....	\$8,000
Assistant Attorney-General—Edwin B. Smith, of Maine.....	5,000
do do Thomas Simons, of New York.....	5,000
Solicitor-General—Samuel F. Phillips, of North Carolina.....	7,000
Assistant Att'y-General for Department of Interior—E. M. Marble, of Mich..	5,000
do do P. O. Department—Alfred A. Freeman, of Tenn....	4,000
Solicitor of Internal Revenue—C. Chesley, of New Hampshire.....	4,500
Solicitor of the Treasury—Kenneth Raynor, of N. Carolina	4,500
Assistant Solicitor of Treasrty—Joseph H. Robinson.....	3,000
Examiner of Claims for State Department—H. O'Connor, of Iowa.....	3,500
Law Clerk and Examiner of Titles—A. J. Bentley, of Ohio.....	2,700
Chief Clerk—George C. Wing, of Ohio.....	2,200

THE JUDICIARY.

Supreme Court of the United States.

Appointed.		Age.	Salary.
1874.—MORRISON R. WAITE, of Ohio...	Chief Justice.	63	\$10,500
1880.—Geo. F. Edmunds, of Vermont	Asso. Jus.	68	10,000
1858.—Nathan Clifford, Portland, Maine,.....	do	75	10,000
1862.—Noah H. Swayne, Columbus, Ohio,.....	do	74	10,000
1862.—Samuel F. Miller, Keokuk, Iowa,.....	do	63	10,000
1863.—Stephen J. Field, California,.....	do	62	10,000
1870.—Joseph P. Bradley, New Jersey,.....	do	66	10,000
1870.—William Strong, Pennsylvania,.....	do	70	10,000
1877.—John M. Harlan, Kentucky.....	do	64	10,000

The Court holds one general term, annually, at Washington, D. C., commencing on the first Monday in December.

	Salary.
D. Wesley Middleton, of Washington, Clerk.....
William T. Otto, of Washington, D. C., Reporter.....
John G. Nicolay, of Illinois, Marshal.....

Circuit Judges of the United States.

	Salary.
FIRST CIRCUIT.—(Maine, New Hampshire, Massachusetts and Rhode Island)	
—John Lowell, of Boston, Mass.....	\$6,000
SECOND CIRCUIT.—(Vermont, Connecticut, Northern New York, Southern New York, and Eastern New York)—Samuel Blatchford, New York....	6,000
THIRD CIRCUIT.—(New Jersey, Eastern Pennsylvania, Western Pennsylvania, Delaware)—William McKennen, of Pennsylvania.....	6,000
FOURTH CIRCUIT.—(Maryland, West Virginia, Virginia, North Carolina and South Carolina)—Hugh L. Bond, Maryland.....	6,000
FIFTH CIRCUIT.—(Georgia, Florida, Alabama, Mississippi, Louisiana, Texas, Colorado, Missouri, and Nebraska)—Wm. B. Woods, of Alabama.....	6,000
SIXTH CIRCUIT.—(Ohio, Michigan, Kentucky and Tennessee)—John Baxter, of Tennessee.....	6,000
SEVENTH CIRCUIT.—(Indiana, Illinois and Wisconsin)—Thomas Drummond, of Illinois	6,000
EIGHTH CIRCUIT.—(Minnesota, Iowa, Missouri, Kansas and Arkansas)—Geo. W. McCrary, of Iowa.....	6,000
NINTH CIRCUIT.—(California, Oregon and Nevada)—Lorenzo Sawyer, of California	6,000

District Courts.—Judges. (States.)

ALABAMA, N. D., M. D. and S. D.—John Bruce, of Montgomery, Ala. ARKANSAS, W. D.—I. C. Parker, of Fort Smith, Ark.; E. D., H. C. Caldwell, of Little Rock, Ark. CALIFORNIA—Ogden Hoffman, of San Francisco. COLORADO—Moses Hallett of Denver. CONNECTICUT—Nathaniel Shipman, of Hartford. DELAWARE—Edward G. Bradford, of Wilmington. FLORIDA, N. D.—Thomas Settle, of Jacksonville; S. D., James W. Locke, of Key West. GEORGIA, N. D. and S. D.—John Erskine, of Atlanta. ILLINOIS, N. D.—Henry W. Blodgett; S. D., Samuel H. Treat, Jr. INDIANA—Walter Q. Gresham. IOWA—James M. Love. KANSAS—Cassius G. Foster. KENTUCKY—W. H. Hays. LOUISIANA—Edward C. Billings. MAINE—Edw. Fox. MARYLAND—Thos. J. Morris. MASSACHUSETTS—T. L. Nelson. MICHIGAN, E. D.—H. B. Brown; W. D., S. L. Withey. MINNESOTA—R. R. Nelson. MISSISSIPPI, N. D. and S. D.—Robert A. Hill. MISSOURI, E. D.—Samuel Treat; W. D., Arnold Krekel. NEBRASKA—Elmer S. Dundy. NEVADA—Edgar W. Hillyer. NEW HAMPSHIRE—Daniel Clark. NEW JERSEY—John T. Nixon. NEW YORK, N. D.—W. J. Wallace; S. D., W. G. Choate; E. D., Charles L. Benedict. NORTH CAROLINA, E. D.—George W. Brooks; W. D., Robert P. Dick. OHIO, N. D.—Martin Welker; S. D., Philip B. Swing. OREGON—Matthew P. Deady. PENNSYLVANIA, E. D.—Wm. Butler; W. D., W. W. Ketcham. RHODE ISLAND—John P. Knowles. SOUTH CAROLINA—George S. Bryan. TENNESSEE, E. D. and M. D.—Conally F. Trigg; W. D., E. S. Hammond. TEXAS, E. D.—Amos Morrill; W. D., T. H. Duval. VERMONT—Hoyt H. Wheeler. VIRGINIA, E. D.—Robert W. Hughes; W. D., Alexander Rives. WEST VIRGINIA—John J. Jackson. WISCONSIN, E. D.—Charles E. Dyer; W. D., Romanza Bunn. Of these District Judges, two (Cal. and Col.) receive \$5,000 each; one (La.), \$4,500; nine (Md., Mass., N. J., N. Y. 3, Penn. 2, and W. D. Ohio), \$4,000 each; all the remainder \$3,500 each.

District Courts.—Judges. (Territories).

ARIZONA—C. G. W. French. DAKOTA—Peter C. Shannon. IDAHO—John T. Morgan. MONTANA—D. S. Wade. NEW MEXICO—L. Bradford Prince. UTAH—

John A. Hunter, WASHINGTON—Roger S. Green, WYOMING—James B. Sauer, DISTRICT OF COLUMBIA—David K. Carter, Chief Justice, \$4,500. Alexander B. Hagner, Walter S. Cox, Charles P. James, Andrew Wiley, Arthur B. McArthur, Associates, \$4,000 each.

Court of Claims.

	Salary.
C. D. Drake, Missouri, Chief Justice.....	\$4,500
J. C. Bancroft Davis, New York.....	4,500
Wm. H. Hunt, Louisiana	4,500
Charles C. Nott, New York.....	4,500
William A. Richardson.....	4,500
Archibald Hopkins, Clerk.....	3,000
John Randolph, Assistant Clerk.....	2,000

DEPARTMENT OF AGRICULTURE.

	Salary.
Commissioner of Agriculture—Wm. G. LE Duc, of Minnesota.....	\$3,000
Chief Clerk—E. A. Carman, of New Jersey.....	1,800
Statistician—C. Worthington, of Maryland.....	2,000
Entomologist—J. W. Potter	2,000
Chemist—Peter Cottier, of Vermont.....	2,000
Superintendent of Botanical Gardens—Wm. Saunders, of Pennsylvania....	
Superintendent of Seed Room—A. Glass, of Dist. of Columbia.....	
Botanist—G. Vasey, of Illinois	
Librarian—E. H. Stevens, of Louisiana	
Disbursing Clerk—B. F. Fuller, of Illinois	

GOVERNMENT PRINTING OFFICE:

	Salary.
Congressional Printer—J. D. DEFREES, of Indiana.....	3,600
Chief Clerk—A. F. Childs, of Dist. Columbia.....	

DEPARTMENT OF EDUCATION.

	Salary.
Commissioner of Education—Gen. JOHN EATON, Jr., of Tenn.....	\$3,000
Chief Clerk—Charles Warren	1,800
Translator—Herman Jacobson	

UNITED STATES MINT AND BRANCHES.

	Salary.
A. Landon Snowden, Superintendent Philadelphia	
Thomas C. Acton, do New York.....	
Henry L. Dodge, do San Francisco, Cal.....	
Henry S. Foote, do New Orleans, La.....	
James Crawford, do Carson City, Nev.....	
Calvin J. Cowles, Assayer Charlotte, N.C.....	
Herman Silver, do Denver, Col.....	
Wm. Penn Prescott, do Carson City, Nev.....	
Albert Walters, do Boise City, Idaho.....	
Charles Rumley, do Helena, Montana.....	
Benjamin F. Flanders, Treasurer, New Orleans, La.....	

THE LEGISLATIVE BRANCH OF THE GOVERNMENT.

THE National Legislature consists of a Senate of two members from each State, making the full Senate now consist of seventy-six members, and a House of Representatives, now having two hundred and ninety-three members. The Senators are chosen by the Legislatures of their several States, for a term of six years, either by concurrent vote or by joint ballot, as the State may prescribe. The members of the House of Representatives are usually elected by a plurality vote in districts of each State, whose bounds are prescribed by the Legislature, for the term of two years. In a few instances they have been elected at large: *i.e.*, by the plurality vote of the entire State.

The Constitution requires nine years' citizenship to qualify for admission to the Senate, and seven years to the House of Representatives. An act approved July 26, 1866, requires the Legislature of each State which shall be chosen next preceding the expiration of any Senatorial term, on the second Tuesday after its first meeting, to elect a successor, each House nominating *viva voce*, and then convening in Joint Assembly to compare nominations. In case of agreement, such person shall be declared duly elected; and if they do not agree, then balloting to continue from day to day at 12 M. during the session until choice has been made. Vacancies are to be filled in like manner. The members of each House receive a salary of \$5,000 per annum, and actual mileage at twenty cents per mile. For each day's absence, except when caused by sickness, \$8 per diem is deducted from the salary. The Speaker of the House of Representatives receives \$10,000.

CONGRESSIONAL DISTRICTS.

The House of Representatives of the United States is composed of members elected by Districts. The number apportioned to the States has varied at each decennial census, as shown by the following Table:

Census.	When Apportioned.	Whole No. Rep.	Ratio, One to
	By Constitution.		
1790.....	April 14, 1793.....	65.....	33,000
1800.....	Jan. 14, 1803.....	105.....	23,000
1810.....	Dec. 21, 1811.....	141.....	35,000
1820.....	March 7, 1822.....	181.....	40,000
1830.....	May 22, 1832.....	212.....	46,700
1840.....	June 25, 1842.....	240.....	70,680
1850.....	July 30, 1852.....	233.....	93,423
1860.....	April —, 1861.....	242.....	127,000
1870.....	Dec. —, 1871.....	281.....	142,000

By adding members for fractions of the ratio, and the admission of Colorado, the number of Representatives has been brought up to 293.

Presidents under the Federal Constitution.

Names.	Inaugurated.	Born.	Age at Inauguration.	Years in office.	Died.	Age at Death.
1. George Washington, of Virginia	April 30, 1789	1732	57	8	Dec. 14, 1799	68
2. John Adams, of Massachusetts	Mar. 4—1797	1735	62	4	July 4—1826	91
3. Thomas Jefferson, of Virginia	Mar. 4—1801	1743	58	8	July 4—1826	83
4. James Madison, of Virginia	Mar. 4—1809	1751	58	8	June 28, 1836	85
5. James Monroe, of Virginia	Mar. 4—1817	1759	58	8	July 4—1831	72
6. John Quincy Adams, of Mass.	Mar. 4—1825	1767	58	4	Feb. 23, 1848	80
7. Andrew Jackson, of Tennessee	Mar. 4—1829	1767	62	8	June 8—1845	78
8. Martin Van Buren, of New York	Mar. 4—1837	1782	55	4	July 24, 1862	79
9. William Henry Harrison, of Ohio	Mar. 4—1841	1773	68	—	April 4, 1841	68
10. John Tyler, of Virginia, Vice-President, succeeded President Harrison, who died April 4, 1841	Apr. 4—1841	1790	57	4	Jan. 17, 1862	72
11. James K. Polk, of Tennessee	Mar. 4—1845	1795	49	4	June 15, 1849	54
12. Zachary Taylor, of Louisiana	Mar. 4—1849	1784	65	1	July 9—1850	66
13. Millard Fillmore, of N. Y., Vice-President, succeeded Pres. Taylor, who died July 9, 1850	July 9—1850	1800	50	3	Mar. 8—1874	74
14. Franklin Pierce, of N. Hampshire	Mar. 4—1853	1804	49	4	Oct. 8—1869	65
15. James Buchanan, of Pennsylvania	Mar. 4—1857	1791	65	4	June 1—1869	77
16. Abraham Lincoln, of Illinois	Mar. 4—1861	1809	52	4	April 15, 1865	56
17. Andrew Johnson, Vice-President, succeeded President Lincoln, who was assassinated April 14, 1865	Apr. 15—1865	1808	57	4	July 31, 1875	67
18. Ulysses S. Grant, of Illinois	Mar. 4—1869	1822	47	8		
19. Rutherford B. Hayes, of Ohio	Mar. 4—1877	1822	55			

Vice-Presidents.

Names.	Inaugurated.	Born.	Died.
1. John Adams, of Massachusetts	1789	1735	1826
2. Thomas Jefferson, of Virginia	1797	1743	1826
3. Aaron Burr, of New York	1801	1756	1836
4. George Clinton, of New York	1805	1739	1812
5. Elbridge Gerry, of Massachusetts	1813	1744	1814
6. Daniel D. Tompkins, of New York	1817	1744	1825
7. John C. Calhoun, of South Carolina	1825	1782	1850
8. Martin Van Buren, of New York	1833	1782	1862
9. Richard M. Johnson, of Kentucky	1837	1780	1850
10. John Tyler, of Virginia	1841	1790	1862
11. George M. Dallas, of Pennsylvania	1845	1792	1865
12. Millard Fillmore, of New York	1849	1800	1874
13. William R. King, of Alabama	1853	1786	1853
14. John C. Breckinridge, of Kentucky	1857	1821	1875
15. Hannibal Hamlin, of Maine	1861	1800	
16. Andrew Johnson, of Tennessee	1865	1808	1875
17. Schuyler Colfax, of Indiana	1869	1823	
18. Henry Wilson, of Massachusetts	1873	1812	1875
19. William A. Wheeler, of New York	1877		

Chief Justices of the Supreme Court of the United States.

Name.	State.	Term of Service.	Born.	Died.
John Jay	New York	1789—1795	1745	1829
John Rutledge	South Carolina	1795—1795	1739	1800
Oliver Ellsworth	Connecticut	1796—1801	1752	1807
John Marshall	Virginia	1801—1836	1755	1836
Roger B. Taney	Maryland	1836—1864	1777	1864
Salmon P. Chase	Ohio	1864—1873	1808	1873
Morrison R. Waite	Ohio	1874—....	1825	....

Associate Justices of the Supreme Court of the United States.

NAME.	STATE.	TERM OF SERVICE.	BORN.	DIED.
John Rutledge	South Carolina	1789—1791	1739	1800
William Cushing	Massachusetts	1789—1810	1733	1810
James Wilson	Pennsylvania	1789—1798	1742	1798
John Blair	Virginia	1789—1796	1732	1800
Robert H. Harrison	Maryland	1789—1789	1745	1790
James Iredell	North Carolina	1790—1799	1750	1799
Thomas Johnson	Maryland	1791—1793	1732	1819
William Patterson	New Jersey	1791—1806	1743	1806

Associate Justices of the Supreme Court of the U. S. (Continued.)

Name.	State.	Term of Service.	Born.	Died.
Samuel Chase.....	Maryland	1796-1811	1741	1811
Bushrod Washington.....	Virginia	1798-1829	1759	1829
Alfred Moore.....	North Carolina.....	1799-1804	1755	1810
William Johnston.....	South Carolina.....	1804-1834	1771	1834
Brockholst Livingston.....	New York	1806-1823	1757	1823
Thomas Todd.....	Kentucky.....	1807-1826	1765	1826
Joseph Story.....	Massachusetts	1811-1845	1779	1845
Gabriel Duval.....	Maryland	1811-1835	1751	1844
Smith Thompson.....	New York	1823-1845	1767	1845
Robert Trimble.....	Kentucky.....	1826-1829	1776	1829
John McLean.....	Ohio	1829-1861	1785	1861
Henry Baldwin.....	Pennsylvania.....	1830-1846	1779	1846
James M. Wayne.....	Georgia	1835-1867	1786	1867
Philip H. Barbour.....	Virginia	1836-1841	1779	1841
John Catron.....	Tennessee	1837-1865	1786	1865
John McKinley.....	Alabama	1837-1852	1786	1852
Peter V. Daniel.....	Virginia	1841-1860	1785	1860
Samuel Nelson.....	New York	1845-1851	1792	1863
Levi Woodbury.....	New Hampshire	1845-1851	1790	1851
Robert C. Grier.....	Pennsylvania.....	1846-1870	1794	1870
Benjamin R. Curtis.....	Massachusetts	1851-1857	1809	.....
James A. Campbell.....	Alabama	1853-1856	1802	.....
Nathan Clifford.....	Maine	1858-.....	1803	.....
Noah H. Swayne.....	Ohio	1862-.....	1805	.....
Samuel F. Miller.....	Iowa	1862-.....	1816	.....
David Davis.....	Illinois.....	1862-1877	1815	.....
Stephen J. Field.....	California	1863-.....	1817	.....
William Strong.....	Pennsylvania	1870-.....	1809	.....
Joseph P. Bradley.....	New Jersey	1870-.....	1813	.....
Ward Hunt.....	New York	1872-.....	1811	.....
John M. Harlan.....	Kentucky	1877-.....	1814	.....

APPORTIONMENT OF REPRESENTATIVES.

By Act Dec. 14, 1871, under census of 1870.

Alabama.....	8	Kansas.....	3	Nebraska.....	1	Rhode Island	2
Arkansas.....	4	Kentucky.....	10	Nevada	1	South Carolina	5
California.....	4	Louisiana	6	New Hampshire	3	Tennessee	10
Connecticut.....	4	Maine	5	New Jersey	7	Texas	6
Delaware.....	1	Maryland	6	New York	33	Virginia	9
Florida.....	2	Massachusetts	11	North Carolina	8	Vermont	3
Georgia.....	9	Michigan	9	Ohio	20	West Virginia	3
Illinois.....	19	Minnesota	3	Oregon	1	Wisconsin	8
Indiana.....	13	Mississippi	6	Pennsylvania	27	Colorado	1
Iowa.....	9	Missouri	13			Total	293

The ratio of apportionment is about 142,000 inhabitants for a Member of Congress, though allowance is made for fractions in excess of one-half.

Expense of maintaining the government, not including the interest on the bonds, for each year from 1861 to 1878 :

June 30, 1862.....	\$570,841,700 25	June 30, 1871.....	\$292,177,188 25
" 1863.....	714,709,995 58	" 1872.....	270,559,695 91
" 1864.....	865,234,087 86	" 1873.....	262,254,216 97
" 1865.....	1,290,312,982 41	" 1874.....	302,633,873 76
" 1866.....	1,141,072,666 09	" 1875.....	268,447,543 76
" 1867.....	346,729,124 33	" 1876.....	258,459,797 10
" 1868.....	377,340,284 00	" 1877.....	238,660,0 8 93
" 1869.....	321,490,597 75	" 1878.....	236,964,326 80
" 1870.....	309,653,560 75	" 1879.....	161,619,933 53

ASSESSED AND TRUE VALUATION OF PROPERTY IN THE UNITED STATES IN 1870: TAXES OF EACH STATE AND TERRITORY; STATE DEBTS; CAPITAL INVESTED IN MANUFACTURES IN 1870; VALUE OF FARMS AND AMOUNT OF FARM PRODUCTS IN 1870.

STATES AND TERRITORIES.		VALUATION OF PROPERTY, 1870.			MANUFACTURING STATISTICS, 1870.			AGRICULTURAL WEALTH, 1870.	
		Assessed.	Total.	Real Estate.	Personal.	Total.	Capital Invested.	Product in 1870.	Value of Farms. Products in 1870.
1	Alabama.....	\$117,223,043	\$201,555,841	\$20,555,841	\$88,259,152	\$2,652,929	\$71,632	\$67,759,986	\$67,622,336
2	Arkansas.....	163,102,314	156,941,601	156,630,930	93,116,930	63,767,115	4,151,162	4,029,224	49,101,939
3	California.....	239,644,063	176,527,160	176,322,723	77,431,524	15,068,932	36,228,202	66,394,536	49,552,024
4	Connecticut.....	42,543,237	24,110,769	24,000,000	5,618,843	10,088,906	5,291,278	10,065,474	26,485,150
5	Delaware.....	16,492,440	16,492,440	16,492,440	4,182,029	11,308,933	5,266,125	10,389,053	10,791,382
6	Florida.....	12,283,152	12,283,152	12,283,152	4,051,666	8,231,858	4,957,930	4,036,463	8,909,746
7	Georgia.....	227,199,519	113,982,216	113,982,216	83,731,33	21,639,207	2,627,027	21,733,712	80,380,228
8	Illinois.....	134,465,956	121,680,470	121,680,470	21,248,505	12,825,058	4,211,869	12,815,057	210,506,385
9	Indiana.....	63,545,034	48,899,936	48,899,936	10,791,121	7,818,257	1,821,869	10,782,257	122,914,302
10	Iowa.....	302,610,418	226,610,638	226,610,638	75,944,780	71,644,750	9,055,614	8,033,133	118,386,441
11	Kansas.....	65,459,221	65,459,221	65,459,221	18,626,495	18,626,495	6,442,282	6,442,282	32,632,441
12	Kentucky.....	311,479,634	98,061,600	98,061,600	31,118,352	18,933,484	5,731,118	5,731,118	97,655,833
13	Louisiana.....	233,371,516	131,343,716	131,343,716	32,125,665	7,064,722	3,037,441	3,131,974	87,477,374
14	Maine.....	134,159,157	124,235,918	124,235,918	16,159,675	5,348,645	16,624,624	17,947,926	52,006,622
15	Maryland.....	1,021,186	1,021,186	1,021,186	618,748,975	618,748,975	16,624,624	16,624,624	102,991,047
16	Massachusetts.....	1,591,982,112	901,187,771	901,187,771	213,218,741	24,292,910	69,211,538	73,192,759	35,343,944
17	Michigan.....	222,229,917	221,651,667	221,651,667	47,575,250	51,422,957	6,755,250	7,171,283	52,192,185
18	Minnesota.....	541,453,332	320,079,837	320,079,837	22,935,310	5,915,335	5,915,335	5,915,335	81,568,623
19	Mississippi.....	117,278,830	118,278,830	118,278,830	49,000,350	20,157,345	2,535,432	2,535,432	73,137,463
20	Missouri.....	137,002,434	137,002,434	137,002,434	1,381,222,807	1,904,839	46,969,805	80,257,244	103,905,759
21	Nebraska.....	46,356,939	46,356,939	46,356,939	16,281,017	1,027,327	1,027,327	26,213,429	32,908,047
22	Nevada.....	41,140,251	41,140,251	41,140,251	31,134,012	8,207,307	1,169,913	1,169,913	50,221,185
23	New Hampshire.....	134,065,230	83,821,288	83,821,288	23,024,112	8,255,333	5,116,900,955	5,277,780	1,485,165
24	New Jersey.....	1,438,833,971	1,438,833,971	1,438,833,971	940,976,000	22,854,333	11,180,373	11,180,373	1,152,713
25	New York.....	1,532,811,185	1,532,811,185	1,532,811,185	434,289,278	6,300,810,204	45,830,308	12,884,320	2,252,185
26	North Carolina.....	130,738,622	83,322,907	83,322,907	47,056,610	260,757,244	2,352,809	2,352,809	57,285,940
27	Ohio.....	1,07,717,697	1,07,816,836	1,07,816,836	2,235,430	30,300	23,256,518	22,256,518	105,235,307
28	Oregon.....	31,788,510	17,674,202	17,674,202	12,114,308	61,533,932	55,930,932	51,886,846	7,122,750
29	Pennsylvania.....	1,313,236,032	1,071,680,934	1,071,680,934	211,553,108	3,805,364,012	24,531,397	89,097,131	163,940,027
30	Rhode Island.....	244,728,854	112,876,591	112,876,591	111,402,975	26,965,616	2,170,162	5,938,642	21,174,968
31	South Carolina.....	188,913,675	122,085,127	122,085,127	64,418,662	28,237,724	2,767,675	13,075,229	6,404,418
32	Tennessee.....	253,782,161	223,085,675	223,085,675	72,085,675	3,811,579	48,287,191	51,885,961	34,232,316
33	Texas.....	149,717,556	97,186,563	97,186,563	52,846,361	159,052,512	1,129,517	1,133,907	60,119,350
34	Vermont.....	102,548,598	80,983,100	80,983,100	21,553,423	25,349,516	2,135,917	2,135,917	49,185,170
35	Virginia.....	95,924,774	81,626,390	81,626,390	40,588,133	4,613,798	53,921,255	53,921,255	34,647,027
36	West Virginia.....	140,538,320	122,330,858	122,330,858	44,613,490	19,651,941	1,722,158	1,611,767	51,774,800
37	Wisconsin.....	333,201,858	252,332,107	252,332,107	81,887,731	762,337,329	6,387,970	5,938,532	101,904,351
	Total Territories.....	9,804,637,462	4,216,659,639	4,216,659,639	14,021,297,071	20,822,535,140	278,391,266	864,785,007	3,891,001
	Total Status.....	110,143,323	110,143,323	110,143,323	47,546,238	243,983,337	2,788,026	2,788,026	2,788,026
1	Arizona.....	1,410,205	838,235	838,235	871,940	3,446,701	31,323	150,700	161,340
2	Colorado.....	1,738,109	840,811	840,811	2,497,380	20,233,303	3,281,957	2,882,820	3,236,748
3	District of Columbia.....	2,924,169	1,036,723	1,036,723	1,223,765	1,18,807	1,18,807	1,18,807	1,18,807
4	Idaho.....	247,163,858	71,437,408	71,437,408	2,334,225	12,873,618	1,589,593	9,292,173	4,822,860
5	Iowa.....	3,222,205	1,926,516	1,926,516	3,035,640	6,322,661	1,747,111	2,22,320	637,797
6	Montana.....	9,178,014	2,215,283	2,215,283	13,149,273	13,149,273	13,149,273	13,149,273	1,167,340
7	Nebraska.....	12,676,842	9,197,881	9,197,881	5,517,961	16,139,935	16,139,935	16,139,935	1,165,393
8	Utah.....	10,632,893	8,146,078	8,146,078	5,146,078	13,562,184	13,562,184	13,562,184	1,173,523
9	Wyoming.....	5,510,745	883,605	883,605	4,033,083	7,016,748	3,1471	3,1471	2,111,452
0	Total Territories.....	157,680,521	110,143,323	110,143,323	47,546,238	243,983,337	2,788,026	2,788,026	2,788,026
	Aggregate, 1870, 180,132	9,178,980,722	9,044,780,225	9,044,780,225	31,068,518,597	31,068,518,597	888,676,758	888,676,758	\$2,447,438,658
	180,132, Total U. S.	5,111,163,996	6,473,406,099	6,473,406,099	16,569,163,996	16,569,163,996	1,133,208,769	1,133,208,769	\$2,422,325,442

PUBLIC DEBT OF THE UNITED STATES.

OCTOBER 1, 1880.

Debt bearing Interest.

Bonds at 6 per cent.....	\$222,819,050 00
Bonds at 5 per cent.....	474,531,550 00
Bonds at 4½ per cent.....	250,000,000 00
Bonds at 4 per cent.....	738,263,950 00
Refunding Certificates.....	1,083,850 00
Navy Pension Fund.....	14,000,000 00
	<hr/>
Principal.....	\$1,700,698,400 00
Interest.....	18,184,503 00

Debt on which Interest has ceased since Maturity.

Principal.....	\$6,011,665 00
Interest.....	764,356 00

Debt bearing no Interest.

Old demand and Legal-Tender Notes.....	\$346,741,841 00
Certificates of Deposit.....	9,965,000 00
Fractional Currency.....	7,181,940 00
Gold and Silver Certificates.....	26,033,660 00
	<hr/>
Principal.....	\$389,922,441 00
Unclaimed Interest.....	8,077 00

Total Debt.

Principal.....	\$2,096,632,507 00
Interest.....	18,906,936 00
	<hr/>
Total.....	\$2,115,539,443 00

Cash in Treasury.

Total Cash in Treasury, at date.....	\$199,945,260 00
Debt less Cash in the Treasury, December 1, 1875.....	\$2,117,917,132 57
Debt less Cash in Treasury, December 1, 1876.....	2,089,336,099 42
Debt less Cash in Treasury, December 1, 1877.....	2,046,027,065 94
Debt less Cash in Treasury, December 1, 1878.....	2,027,414,325 79
Debt less Cash in Treasury, December 1, 1879.....	2,016,049,722 83
Debt less Cash in Treasury, October 1, 1880.....	1,915,594,183 00

Bonds to Pacific Railway Companies, Interest payable in Lawful Money.

Principal outstanding.....	\$64,623,512 00
Interest accrued and not yet paid.....	969,352 00
Interest paid by the United States.....	47,589,861 00
Interest repaid by Transportation of Mails, etc.....	13,824,655 00
By Cash Payments 5 per cent. net earnings.....	655,199 00
Balance of Interest paid by the United States.....	33,110,008 00

THE PUBLIC DEBT—MARCH 1, 1879.

THE LOANS MADE BY GOVERNMENT NOT YET REDEEMED.

1.—Debt bearing Interest on Coin.

TITLE OF LOAN.	Am't Issued in Millions.	Per Cent Interest	When Redeemable.	Amontt Outstanding.	Accrued Interest to Date.
Loan of Juno 14, 1858.....	20,000	5	After Jan. 1, 1874.....	260,000	3,250 00
Loan of Jan. 1, 1861 (Act of June 22, 1860	7,022	5	{ After Jan. 1, 1871 & before Jan. 1, 1881.....	18,415,000	184,150 00
Loan of Feb. 8, 1861 (1881's)	18,415	6	Payable Jan. 1, 1881.....	945,000	9,450 00
Oregon War Debt, July 1, 1861 (Act of March 2 1861)	1,091	6	Payable July 1, 1881.....	189,321,350	1,893,213 50
L'n July 17 & Aug. 5, '61 ('81's).....	189,327	6	Payable Jan. & July, 1881.....	75,000,000	750,000 00
Loan of 1863, dated June 15, 1864 (1881's), 3d issue.....	75,000	6	Payble after June 30, 1881.....	194,566,300	4,864,157 50
Ten-Forties of 1864.....	194,567	5	{ After March 1, 1874, & Payable Mar. 1, 1904.....	161,857,600	5,612,472 75
Five-Twenties of 1867*	379,506	6	After July 1, 1872.....	508,440,350	2,118,501 46
Five-Twenties of 1868.....	42,540	6	After July 1, 1873.....	250,000,000	937,500 00
Fund'd L'n 1881, issued under Acts Jly 14, '70 & Jan. 20, '71	508,440	5	After May 1, 1881.....	406,900,000	8,220,567 25
Fund'd L'n 1891, Acts '70 & '71.....	250,000	4½	After Sept. 1, 1891.....		
Fund'd L'n of 1907, same Acts.....		4	After July 1, 1907.....		
Aggregate of Debt.....				2,014,271,900	24,603,587 00

2.—Debt bearing Interest in Currency or lawful money.

TITLE OF LOAN.	Per Cent Interest	Principal Outstanding.	Interest Accrued & not yet Paid.	Balance of Int'st paid by Unit'd States.
Navy Pension Fund.....	3	\$14,000,000	\$210,000	
PACIFIC RAILWAY COMPANIES LOANS.				
Conditional—Half interest now and all the principal and interest eventually to be paid by Companies—				
Central Pacific.....	6	25,885,120		
Kansas Pacific.....	6	6,303,000		
Union Pacific.....	6	27,236,512		
Central Branch of Union Pacific.....	6	1,600,000	646,235	41,773,745 00
Western Pacific.....	6	1,970,560		
Siou City and Pacific.....	6	1,622,320		
Totals.....		\$64,623,512	\$646,235	\$41,773,745 00

There had been also to March 1, 1879, \$10,658,076 of interest paid by transportation of mails, &c. These loans are to run 30 years from date of their issue.

3.—Debt on which the Interest has ceased since maturity.

	PrCt	Principal.	Interest.	Total.
Called Bonds not yet Surrendered May 1, 1979.....	6	67,429,110	1,203,641	68,629,755

4.—Debt bearing no Interest.

TITLE OF DEBT.	Principal.	Remarks.
Old Demand and Legal Tender Notes	\$346,742,941	
Certificates of Deposit.....	46,100,000	
Fractional Currency	15,986,412	{ More than half of this is probably destroyed by fire or otherwise.
Coin and Silver Certificates.....	19,087,680	Am't diminished since redempt'n.

* Before May 1, 1879, all the Five-Twenties, amounting to \$1,602,587,350, were funded into the 5, 4½ & 4 per cent. Loans, the Loan of June 14, 1858 and all the Ten-Forties of 1864, amounting together to \$194,826,300, were called in, and by July 10, all would be refunded in Four per cents.

PUBLIC DEBT AT ITS MAXIMUM—CURRENCY AT ITS COIN VALUE.

The public debt reached its maximum on August 31, 1865, when it amounted to \$2,845,907,626, composed as follows:

Funded debt.....	\$1,109,568,192
Matured debt.....	1,503,020
Temporary loans.....	107,148,713
Certificates of debt.....	85,093,000
Five per cent. legal-tender notes.....	33,954,230
Compound-interest legal-tender notes.....	217,024,160
Seven-thirty notes.....	830,000,000
United States notes, (legal tenders).....	433,160,569
Fractional Currency.....	26,344,742
Suspended requisitions uncalled for.....	2,111,000
Total.....	\$2,845,907,626

Of these obligations \$684,138,959 were a legal-tender in the payment of all debts, public and private, except customs, duties and interest on the public debt.

The amount of legal-tender notes, demand notes, fractional currency, and national currency, and national bank notes, outstanding on August 31, 1865, and annually thereafter, from January 1, 1866, to January 1, 1878, and the amounts outstanding November 1, 1878, are shown by the following table, together with the currency price of gold, and the gold price of currency, at each date:

Date.	United States Issue.			Notes of national banks including Gold Notes.	Aggregate.	Currency price of \$100 Gold.	Gold Price of \$100 Currency.
	Legal-tender Notes.	Old Demand Notes.	Fractional Currency.				
Aug. 31, 1865	\$432,757,604	\$402,965	\$26,344,742	\$176,213,955	\$635,719,266	\$144 25	\$69 32
Jan. 1, 1866	425,839,319	392,070	26,000,420	298,588,419	750,820,228	144 50	69 20
Jan. 1, 1867	380,276,160	221,682	28,732,812	299,846,206	709,076,860	133 00	75 18
Jan. 1, 1868	356,000,000	159,127	31,597,583	209,747,569	687,504,279	133 25	75 64
Jan. 1, 1869	355,892,975	128,098	34,215,715	299,629,322	689,866,110	135 00	74 07
Jan. 1, 1870	356,000,000	113,098	39,762,664	299,904,029	695,779,791	120 00	83 33
Jan. 1, 1871	356,000,000	101,086	39,995,089	206,307,672	702,403,847	110 75	90 29
Jan. 1, 1872	357,500,000	92,801	40,767,877	328,465,431	726,826,109	109 50	91 32
Jan. 1, 1873	358,557,907	84,387	45,722,061	344,582,812	748,947,167	112 00	89 23
Jan. 1, 1874	378,401,702	79,637	48,544,792	350,848,236	777,874,367	110 25	90 70
Jan. 1, 1875	382,000,000	72,317	46,390,598	354,128,250	782,591,165	112 50	88 89
Jan. 1, 1876	371,827,220	69,642	44,147,072	346,479,756	762,523,600	112 75	88 69
Jan. 1, 1877	366,055,084	65,462	26,348,206	321,595,606	714,064,358	107 00	93 46
Jan. 1, 1878	349,943,776	63,532	17,764,109	321,072,505	689,443,922	102 87	97 21
Nov. 1, 1878	346,681,016	62,065	16,211,193	322,460,715	683,414,989	100 25	99 75

REDUCTION OF THE NATIONAL DEBT OF THE UNITED STATES,
from March 1, 1869, to January 1, 1881.

DATES.	Debt of the United States, less cash in the Treasury.	DATES.	Debt of the United States, less cash in the Treasury.	DATES.	Debt of the United States, less cash in the Treasury.
1869		1873		1877	
Mar. 1..	2,525,463,260	Mar. 1..	2,157,380,700	Mar. 1..	2,088,781,143
June 1..	2,505,412,613	June 1..	2,149,963,873	June 1..	2,063,377,342
Sept. 1..	2,475,962,501	Sept. 1..	2,140,695,365	Sept. 1..	2,055,469,779
Dec. 1..	2,453,559,735	Dec. 1..	2,150,862,053	Dec. 1..	2,046,027,066
1870		1874		1878	
Mar. 1..	2,438,323,477	Mar. 1..	2,154,880,066	Mar. 1..	2,042,037,129
June 1..	2,406,562,371	June 1..	2,145,268,438	June 1..	2,035,786,841
Sept. 1..	2,355,921,150	Sept. 1..	2,140,178,614	Sept. 1..	2,029,105,020
Dec. 1..	2,334,308,494	Dec. 1..	2,138,938,334	Dec. 1..	2,027,414,326
1871		1875		1879	
Mar. 1..	2,320,703,846	Mar. 1..	2,137,315,989	Mar. 1..	2,026,207,541
June 1..	2,299,134,184	June 1..	2,130,119,975	July 1..	2,027,207,256
Sept. 1..	2,274,122,560	Sept. 1..	2,125,808,789	Oct. 1..	2,027,202,452
Dec. 1..	2,248,251,367	Dec. 1..	2,117,917,132	Dec. 31..	2,011,798,505
1872		1876		1880	
Mar. 1..	2,225,813,497	Mar. 1..	2,114,960,306	April 1..	1,980,392,824
June 1..	2,193,517,378	July 1..	2,099,439,344	July 1..	1,942,172,296
Sept. 1..	2,177,322,020	Sept. 1..	2,095,181,941	Oct. 1..	1,915,594,183
Dec. 1..	2,160,568,030	Dec. 1..	2,089,336,099	Dec. 31..	

DEBT OF EACH ADMINISTRATION.

Washington's First Term	1793	\$80,352,636
do Second Term.....	1797	82,064,479
John Adam's.....	1801	82,038,050
Jefferson's First Term	1805	82,312,150
do Second Term.....	1809	57,023,192
Madison's First Term	1813	59,962,827
do Second Term.....	1817	123,491,965
Monroe's First Term	1821	89,987,427
do Second Term.....	1825	83,788,432
John Quincy Adams	1829	59,421,413
Jackson's First Term	1833	7,001,022
Interest.....	1836	291,089
Jackson's Second Term	1837	1,895,312
Van Buren	1841	6,488,784
Tyler.....	1845	17,093,794
Polk	1849	64,704,693
Fillmore	1853	67,340,620
Pierce	1857	29,060,387
Buchanan	1861	90,867,828
Lincoln	1865	2,682,593,026
Johnson.....	January 1 1866	2,810,310,357
Johnson.....	March 4 1869	2,491,399,904
Grant.....	March 1 1871	2,320,708,846
do	March 1 1872	2,225,813,497
do	March 4 1873	2,157,380,700
do	March 1 1876	2,114,960,306
do	March 4 1877	2,088,781,143
Hayes.....	March 4 1878	2,042,037,129
do	March 1 1879	2,026,207,541
do	March 1 1880	1,995,112,221

PAPER MONEY OF THE UNITED STATES.

The amount of Legal Tender notes, Demand Notes, Fractional Currency, and National Bank Notes outstanding on August 31, 1865, and annually thereafter, from January 1, 1866, to January 1, 1879, and the amounts outstanding November 1, 1878, are shown by the following table, together with the currency price of gold and the gold price of currency at each date, prepared by the Comptroller of the Currency :

Date.	United States Issues.			Notes of National Banks, in- cluding Gold Notes.	Aggregate.	Currency price of \$100 Gold.	Gold price of \$100 Currency
	Legal-Ten- der Notes.	Old De- mand Notes.	Fractional Currency.				
Aug 31, 1865.....	\$432,757,004	\$402,955	\$26,344,742	\$176,213,955	\$635,719,266	\$144 25	\$69 32
Jan. 1, 1866.....	425,839,319	392,070	26,000,420	298,5e8,419	750,820,228	144 50	69 20
Jan. 1, 1867.....	38,027,160	221,682	28,732,812	299,846,206	709,076,860	133 00	75 13
Jan. 1, 1868.....	356,000,000	159,127	31,597,583	299,747,569	687,504,279	133 25	75 04
Jan. 1, 1869.....	355,892,975	128,098	34,215,715	299,629,322	689,866,110	135 00	74 07
Jan. 1, 1870.....	356,000,000	113,098	39,762,664	299,904,029	695,779,791	120 00	83 33
Jan. 1, 1871.....	356,000,000	101,086	39,995,089	306,307,672	702,403,847	110 75	90 29
Jan. 1, 1872.....	357,500,000	92,801	40,767,877	328,465,431	736,826,109	109 50	91 32
Jan. 1, 1873.....	358,557,907	84,387	45,722,061	344,582,812	748,947,167	112 00	89 28
Jan. 1, 1874.....	378,401,702	79,637	48,544,792	350,848,236	777,874,367	110 25	90 70
Jan. 1, 1875.....	382,000,000	72,317	46,390,598	354,128,250	782,591,165	112 50	88 89
Jan. 1, 1876.....	371,827,220	69,642	44,147,072	346,479,736	762,523,690	112 75	88 69
Jan. 1, 1877.....	366,055,084	65,462	26,348,206	321,595,606	714,064,358	107 00	93 46
Jan. 1, 1878.....	349,943,776	63,532	17,764,109	321,672,505	689,443,922	102 87	97 21
Nov. 1, 1878.....	346,681,016	62,065	16,211,193	322,460,715	685,414,989	100 25	99 75
Jan. 1, 1879.....	346,681,016	62,035	16,108,155	319,652,121	682,503,327	100 00	100 00
Nov. 1, 1879.....	846,681,016	61,967	15,710,960	837,181,418	699,634,759	100 00	100 00
April 1, 1880.....	846,681,016	61,193	15,625,297			100 00	100 00

From the organization of the U. S. Government to the 30th day of June, 1861, that day being the close of the fiscal year, the U. S. Government had called into its Treasury from the people the following sums from the following sources :

Customs Revenues	\$1,575,152,579	92
Land Disposed of	175,817,961	00
Taxes and other Receipts	95,305,322	56
Total Ordinary Revenue from 1789 to 1861	1,846,275,863	48
Total Expenditure, same period	1,453,790,786	00
Excess Revenue	\$392,485,077	48

The following sums have been paid out as interest on Bonds for the past 15 years for the fiscal years ending :

June 30, 1861.....	\$6,112,296	18	June 30, 1870.....	129,235,498	00
" 1862.....	13,190,324	45	" 1871.....	125,576,565	93
" 1863.....	24,729,846	61	" 1872.....	117,357,839	72
" 1864.....	53,685,421	69	" 1873.....	140,947,583	27
" 1865.....	132,987,350	25	" 1874.....	107,119,815	21
" 1866.....	133,067,741	69	" 1875.....	103,093,544	57
" 1867.....	135,034,011	04	" 1876.....	100,243,271	23
" 1868.....	140,424,045	00	" 1877.....	97,124,511	58
" 1869.....	130,624,242	80	" 1878.....	*102,500,874	65
			" 1879.....	*105,327,949	00

* This apparent increase is due to the payment of three months interest on the called bonds, interest being paid also on the 4½ and 4 per cent. bonds from the time of purchase. The next two years will show a large reduction.

GOLD AND SILVER COINS.

Country.	Monetary Unit.	Standard.	Value in U.S. Mon'y	Standard Coins.
Austria.....	Florin.....	Gold & Silver	8 Gulden or 20 f. Gold, \$3.85.89.	
Belgium.....	Franc.....	Gold & Silver	\$19.3 5, 10, and 20 Francs.	
Bolivia.....	Dollar.....	Gold & Silver	0.96.5 Escudo, half Bolivar, and Bolivars.	
Brazil.....	Milreis of 1,000 reis.	Gold.....	0.54.5 None.	
Brit. Poss. N. Am	Dollar.....	Gold.....	1.00.0 None.	
Bogota.....	Peso.....	Gold.....	0.96.5 None.	
Central America	Dollar.....	Silver.....	0.93.5 Dollar.	
Chili.....	Peso.....	Gold.....	0.91.2 Condor, Doubloon and Escudo.	
Denmark.....	Crown.....	Gold.....	0.26.8 10 and 20 Crowns.	
Ecuador.....	Dollar.....	Silver.....	0.93.5 Dollar.	
Egypt.....	Pound, 100 Piasters.	Gold.....	4.97.4 5, 10, 25 and 50 Piasters.	
France.....	Franc.....	Gold & Silver	0.19.3 5, 10 and 20 Francs.	
Great Britain	Pound Sterling.....	Gold.....	4.86.65 Half Sovereign and Sovereign.	
Greece.....	Drachma.....	Gold & Silver	0.19.3 5, 10, 20, 50 and 100 Drachmas.	
German Empire	Mark.....	Gold.....	0.23.8 5, 10 and 20 Marks.	
Japan.....	Yen.....	Gold.....	0.99.7 1, 2, 5, 10 and 20 Yen.	
India.....	Rupee of 16 Anna's.	Silver.....	0.44.4	
Italy.....	Lira.....	Gold & Silver	19.3 5, 10, 20, 50 and 100 Lire.	
Liberia.....	Dollar.....	Gold.....	1.00.0	
Mexico.....	Dollar.....	Silver.....	1 01.5 Peso or Dollar, 5, 10, 25 & 50 Centaos.	
Netherlands.....	Florin.....	Gold & Silver	0.38.5 Florin; Ten Gulden, Gold, \$4.01.09.	
Norway.....	Crown.....	Gold.....	0.26.8 10 and 20 Crowns.	
Peru.....	Dollar.....	Silver.....	0.93.5	
Portugal.....	Milreis of 1,000 reis.	Gold.....	1.08.0 2, 5, and 10 Milreis.	
Russia.....	Rouble of 100 Copecks	Silver.....	0.74.8 Quarter, Half and One Rouble.	
Sandwich Isl'ds	Dollar.....	Gold.....	1.00.0	
Spain.....	Peseta of 100 Cent's	Gold & Silver	0.19.3 5, 10, 20, 50 and 100 Pesetas.	
Sweden.....	Crown.....	Gold.....	0.26.8 10 and 20 Crowns.	
Switzerland.....	Franc.....	Gold & Silver	0.19.3 5, 10 and 20 Francs.	
Tripoli.....	Mahmub of 20 piast'rs	Silver.....	0.84.4	
Turkey.....	Pinster.....	Gold.....	0.04.3 25, 50, 100, 250 and 500 Piasters.	
U.S. of Colombia	Peso.....	Silver.....	0.93.5	

PETROLEUM PRODUCTION.

PETROLEUM, crude and refined. Its production east of the Mississippi, and the amount exported in each of the last eight calendar years.

Years.	Production.	Exportation.		REMARKS.
		Quantities, Gallons.	Values.	
1871	205,581,600	*149,892,691	*\$36,894,810	* Fiscal Years. After 1874, the Amounts and Values are for Calendar Years.
1872	250,243,200	*145,171,593	*34,058,390	
1873	394,850,400	*187,815,187	*42,050,756	
1874	432,104,400	*247,806,483	*41,245,815	
1874	6 M. Je 30 to D. 31	130,106,065	17,072,677	
1875	356,320,920	238,548,312	31,734,093	
1876	366,683,400	263,453,296	49,045,040	
1877	602,459,200	361,887,225	57,539,873	
1878	619,007,004	349,346,253	41,022,007	
Totals.	3,224,250,124	2,074,027,097	\$351,163,461	1874 was a year of exceptionally large production, and the exports increased in proportion, but leaving out that year, and there has been a steady, and for the most part, rapid increase, both in the production and export of Petroleum.

TERRITORIAL GOVERNMENTS.

Territories.	Capitals.	GOVERNORS.	Territories.	Capitals.	GOVERNORS.
Arizona.....	Prescott.....	Gen. J. C. Frémont.	Montana.....	Helena.....	Benj. F. Potts;
Alaska.....	Sitka.....	.....	New Mexico.....	Santa Fe.....	Gen. Lew Wallace.
Dakota.....	Yankton.....	.....	Utah.....	Salt Lake City.....	Eli H. Murray.
Dist. Col'b'a	Washington.	Commissioners.	Washington.....	Olympia.....	Elisha P. Ferry.
Idaho.....	Boise City.....	Mason Brayman.	Wyoming.....	Cheyenne.....	John H. Hoyt.
Indian.....	Tablequah.....	Lewis Downing.			

The Governors of the organized Territories receive a salary of \$2,600 each.

BANKS AND BANKING IN THE U. S.

NATIONAL BANKS IN THE UNITED STATES

Table, by States and geographical divisions, of the number of banks organized, closed and closing, and in operation, with their capital, bonds on deposit, and circulation issued, redeemed and outstanding on the 1st day of November, 1878.

STATES AND TERRITORIES.	BANKS.			CAPITAL. Capital Paid in.	BONDS. Bonds on Deposit	CIRCULATION.		
	Organized.	liquidation.	In Operation.			Issued.	Redeemed.	Outstanding.
Maine.....	74	2	72	\$10,660,000	\$9,636,200	\$20,538,580	\$11,738,656	\$8,799,924
New Hampshire.....	47	1	46	5,740,000	5,769,000	12,118,075	6,932,326	5,194,747
Vermont.....	50	3	47	8,533,000	7,662,500	18,979,600	11,627,166	7,352,434
Massachusetts.....	242	5	237	95,407,000	72,221,950	166,473,645	102,777,080	63,696,655
Rhode Island.....	62	1	(1)	20,009,800	14,254,400	35,026,715	21,976,505	13,050,210
Connecticut.....	86	4	82	23,504,620	20,323,700	47,555,410	26,544,017	17,991,393
Totals, E. States.....	561	16	545	165,854,420	129,857,800	300,692,025	184,606,752	116,085,273
New York.....	340	60	280	90,689,691	55,766,300	169,862,715	118,990,888	50,871,827
New Jersey.....	71	2	69	13,858,350	12,626,350	29,531,520	18,172,195	11,359,325
Pennsylvania.....	257	22	235	55,909,840	46,677,650	109,298,135	66,960,830	42,217,305
Delaware.....	14	—	14	1,761,985	1,549,200	3,432,665	2,000,065	1,432,060
Maryland.....	34	2	32	12,865,010	7,821,000	22,314,450	14,614,276	7,700,174
Totals, M. States.....	716	86	630	175,086,876	124,440,500	334,349,483	220,738,794	113,610,691
Distr't of Columbia.....	11	4	7	1,507,000	1,155,000	3,549,600	2,450,001	1,090,599
Virginia.....	29	11	18	3,285,600	2,529,850	7,226,270	4,865,578	2,360,692
West Virginia.....	20	5	15	1,756,000	1,458,000	4,931,430	3,393,022	1,548,403
North Carolina.....	15	—	15	2,551,000	1,764,000	3,986,200	2,272,720	1,713,480
South Carolina.....	12	—	12	2,851,100	1,490,000	3,550,325	2,230,960	1,349,365
Georgia.....	17	5	12	2,041,000	1,925,000	4,17,700	2,891,381	1,926,409
Florida.....	2	1	1	50,000	50,000	59,500	15,700	43,800
Alabama.....	11	1	10	1,658,000	1,021,000	2,999,130	1,511,142	1,478,983
Mississippi.....	2	2	—	—	—	66,000	65,389	611
Louisiana.....	11	4	7	3,475,000	1,820,000	6,557,760	4,533,224	2,024,536
Texas.....	12	1	11	1,100,000	680,000	1,686,420	1,149,415	537,005
Arkansas.....	3	1	2	205,000	205,000	531,900	280,307	251,593
Kentucky.....	55	7	48	9,936,500	8,546,350	18,039,495	9,812,155	8,227,340
Tennessee.....	32	7	25	3,080,300	2,754,500	6,400,280	3,832,947	2,567,333
Missouri.....	43	21	22	7,175,000	2,000,000	10,947,335	8,002,943	2,344,432
Totals, So. States.....	275	70	205	40,670,900	27,998,700	75,380,475	47,915,884	27,464,591
Ohio.....	196	34	102	26,986,900	23,157,250	56,231,270	34,845,147	21,386,123
Indiana.....	115	21	94	15,026,530	12,918,500	34,542,755	22,144,156	12,398,597
Illinois.....	165	26	139	17,194,000	9,985,500	33,574,905	23,659,677	9,915,228
Michigan.....	90	11	79	9,514,500	6,275,750	16,253,190	10,255,860	5,997,330
Wisconsin.....	56	18	38	3,315,000	2,094,500	7,165,660	4,878,370	2,287,290
Iowa.....	99	23	76	5,927,000	4,557,000	12,427,740	8,038,221	4,389,519
Minnesota.....	39	8	31	4,968,700	2,679,400	7,124,660	4,502,396	2,622,264
Kansas.....	27	16	11	800,000	740,000	2,813,680	1,891,161	922,519
Nebraska.....	12	2	10	1,000,000	844,000	1,853,340	1,112,06	741,234
Totals, W. States.....	799	159	640	81,733,230	63,254,900	171,987,200	111,327,094	60,660,106
Nevada.....	1	1	—	—	—	131,700	129,587	3,113
Oregon.....	1	—	1	250,000	250,000	487,000	263,100	223,966
Colorado.....	18	5	13	1,235,000	823,000	1,611,980	868,639	743,281
Utah.....	4	3	1	200,000	50,000	614,930	545,84	69,056
Idaho.....	1	—	1	100,000	100,000	197,740	115,739	82,001
Montana.....	6	3	3	350,000	280,000	544,420	297,871	246,549
Wyoming.....	2	—	2	125,000	60,000	116,360	62,360	54,000
New Mexico.....	2	—	2	300,000	300,000	591,070	325,510	265,580
Dakota.....	3	—	3	175,000	110,000	155,530	56,530	99,000
Washington.....	1	—	1	150,000	50,000	45,000	—	45,000
Totals, Pac. St. & T'rs.....	39	12	27	2,885,000	2,023,000	4,495,670	2,664,210	1,831,460
Mutl'td NotesRetir.....	—	—	—	—	—	—	—	1,339,674
Grand Totals.....	2,390	343	2,047	469,230,426	347,574,900	886,904,855	567,252,734	320,991,795
Add Gold Banks.....	10	1	9	4,800,000	1,834,000	3,051,220	1,5-2,300	1,468,520
Totals for all Banks	2,400	344	2,056	473,530,426	349,408,900	889,936,075	568,833,034	322,460,715

STATE BANKS AND SAVINGS BANKS IN THE UNITED STATES, June, 1878.

STATES AND TERRITORIES.	No. of Banks	Capital.	Deposits.	TAX.		
				On Capital	On Deposits	Totals.
Maine.....	69	\$92,108	\$28,957,428	\$188 98	\$1,253 21	\$1,442 13
New Hampshire.....	71	61,000	28,309,624	152 50	4,270 50	4,423 00
Vermont.....	21	344,167	8,140,383	829 33	4,006 57	4,925 90
Massachusetts.....	170	834,666	157,816,812	1,429 33	5,085 19	6,514 52
Boston.....	59	3,061,97	70,746,941	3,826 47	17,694 04	21,520 51
Rhode Island.....	58	3,883,267	50,028,328	8,188 16	39,301 63	47,489 79
Connecticut.....	107	2,840,000	78,858,210	5,604 82	31,271 53	36,876 33
New England States.....	555	11,116,605	422,857,726	20,219 59	102,972 67	123,192 26
New York.....	328	10,427,448	148,258,669	20,290 36	100,972 62	121,262 98
New York City.....	443	40,700,289	247,964,314	56,276 58	214,356 85	210,633 43
Albany.....	14	642,000	12,153,159	706 47	4,039 36	4,745 83
New Jersey.....	59	1,741,071	19,326,498	3,536 29	14,587 16	18,123 45
Pennsylvania.....	313	10,807,358	29,979,015	23,172 82	74,851 74	100,024 56
Philadelphia.....	59	2,113,756	42,552,729	4,648 68	61,604 26	66,252 94
Pittsburgh.....	37	4,657,547	13,727,252	10,284 93	22,599 96	32,384 89
Delaware.....	9	712,578	1,798,521	1,667 97	2,031 54	3,699 51
Maryland.....	13	627,513	559,703	962 01	913 51	1,875 52
Baltimore.....	41	4,162,516	34,604,030	8,795 49	15,740 49	24,535 98
Washington.....	10	496,742	3,151,613	513 18	6,469 94	6,983 12
Middle States.....	1,326	77,088,818	544,075,533	132,854 78	518,167 43	651,022 21
Virginia.....	77	3,281,667	6,499,580	7,753 69	15,421 29	23,174 98
West Virginia.....	22	1,497,782	3,927,737	3,668 37	9,819 28	13,487 65
North Carolina.....	13	588,290	978,018	1,470 72	2,445 03	3,915 75
South Carolina.....	18	911,523	1,001,868	2,278 77	2,428 28	4,707 05
Georgia.....	67	4,317,817	3,948,488	10,711 49	9,190 49	19,901 85
Florida.....	6	89,483	233,405	223 70	583 48	807 13
Alabama.....	22	993,276	1,813,605	2,420 69	4,533 93	6,954 62
Mississippi.....	32	1,289,573	1,732,397	2,535 64	4,331 42	6,867 06
Louisiana.....	3	116,000	43,110	177 50	120 28	297 78
New Orleans.....	21	4,473,905	7,994,123	10,726 42	15,184 95	25,911 37
Texas.....	102	3,707,057	4,626,420	8,744 54	11,565 63	20,310 17
Arkansas.....	15	223,576	298,005	514 24	746 48	1,260 73
Kentucky.....	74	7,010,103	6,287,262	16,656 29	13,718 26	32,374 55
Louisville.....	17	5,288,296	5,650,057	12,911 68	14,125 04	27,096 72
Tennessee.....	31	1,769,671	2,731,199	4,833 85	6,828 00	11,061 85
Southern States.....	520	35,559,029	47,774,074	85,087 50	113,041 84	198,129 34
Ohio.....	255	6,042,364	15,952,238	12,959 68	38,776 39	51,736 07
Cincinnati.....	21	2,022,369	7,361,629	3,388 23	17,295 38	20,683 61
Cleveland.....	9	898,623	12,244,967	1,590 98	17,403 31	18,994 29
Indiana.....	150	5,091,175	10,224,039	11,724 36	21,838 78	33,563 14
Illinois.....	319	4,503,738	12,472,557	10,153 55	29,981 71	40,133 26
Chicago.....	31	3,612,908	6,832,575	4,892 45	17,043 45	21,935 90
Michigan.....	153	2,636,707	4,737,722	6,454 25	11,844 11	18,298 36
Detroit.....	15	1,108,368	5,179,009	1,806 91	11,038 32	12,839 23
Wisconsin.....	89	1,336,425	3,714,069	3,026 20	9,284 96	12,311 16
Milwaukee.....	11	729,853	5,747,509	1,069 66	14,368 72	16,038 38
Iowa.....	287	5,255,013	8,224,785	12,711 94	20,377 82	33,089 76
Minnesota.....	77	1,510,502	3,233,693	3,668 47	7,950 50	11,612 97
Missouri.....	176	4,124,269	10,184,792	9,811 03	25,461 50	35,272 53
St. Louis.....	32	6,576,033	16,387,002	14,540 48	40,967 45	55,507 93
Kansas.....	109	1,472,344	2,598,746	3,441 85	6,496 55	9,933 40
Nebraska.....	48	503,395	1,189,230	1,203 76	2,972 96	4,176 71
Western States.....	1,782	47,470,286	126,284,766	103,031 80	293,101 91	396,133 71
Oregon.....	10	643,225	1,489,547	1,499 49	3,602 45	5,101 94
California.....	84	9,143,129	17,422,175	21,733 99	37,946 00	62,679 99
San Francisco.....	33	21,787,036	78,070,629	46,256 46	132,601 59	178,858 05
Colorado.....	28	526,190	934,915	1,315 46	2,336 38	3,651 84
Nevada.....	18	412,268	1,914,583	1,030 66	4,786 37	5,817 03
Utah.....	8	190,000	714,555	475 00	1,786 37	2,261 37
New Mexico.....	4	5,000	61,180	12 50	152 95	165 45
Wyoming.....	3	62,794	148,682	198 60	371 70	570 39
Idaho.....	2	54,000	16,358	135 00	40 88	175 88
Dakota.....	12	78,039	277,927	195 10	694 80	889 90
Montana.....	8	133,413	188,918	333 53	472 28	805 81
Washington.....	3	20,000	537,450	520 08	1,343 62	1,863 62
Arizona.....	4	65,000	25,885	212 50	64 70	277 20
Pacific St's & Teritor's	217	34,148,094	101,802,804	76,918 38	186,200 09	263,118 47
Totals.....	4,400	205,382,832	1,242,794,903	418,112 05	1,213,483 94	1,634,595 00

In the following table the number of State Banks & Trust Companies was, on the 1st of June, 1878, 853; their average capital was \$124,347,262; the amount of their deposits, \$329,482,625.

The number of private Bankers was 2856; their average capital for the previous six months was \$77,798,228; the average amount of deposits, \$183,832,995. The number of Savings Banks with capital was 23; amount of capital \$3,237,342. The number of Savings Banks without capital was 668; the amount of their deposits \$803,299,345.

STATE BANKS AND SAVINGS BANKS.

The laws of the United States require returns of capital and deposits to be made to the Commissioner of Internal Revenue, for purposes of taxation, by all State banks, savings-banks, and private bankers. The data of the following table were obtained from that Commissioner. This table exhibits, by geographical divisions, the number of State banks, and trust companies, private bankers, and savings-banks, and their average capital and deposits for the six months ending May 31, 1878:

STATE BANKS AND TRUST COMPANIES.

GEOGRAPHICAL DIVISIONS.	No. of Banks.	Capital.	Deposits.
New England States.....	42	\$8,189,517	\$15,062,430
Middle States.....	217	42,446,037	122,098,847
Southern States.....	233	27,378,751	30,667,577
Western States.....	296	20,247,869	38,877,287
Pacific States and Territories.....	65	26,085,088	22,776,484
United States.....	853	124,347,162	229,482,625

PRIVATE BANKERS.

New England States.....	71	2,858,688	3,228,297
Middle States.....	916	34,482,781	61,922,908
Southern States.....	280	7,298,396	13,683,874
Western States.....	1,450	26,917,565	73,107,656
Pacific States and Territories.....	139	6,240,798	29,830,230
United States.....	2,856	77,798,228	183,832,965

SAVINGS-BANKS WITH CAPITAL.

New England States.....	1	68,400	1,139,916
Middle States.....	3	160,000	1,273,145
Southern States.....	4	881,882	1,278,900
Western States.....	11	304,852	1,931,700
Pacific States and Territories.....	4	1,822,208	20,456,307
United States.....	23	3,237,342	26,179,968

SAVINGS-BANKS WITHOUT CAPITAL.

New England States.....	441	-----	403,427,083
Middle States.....	190	-----	358,680,633
Southern States.....	3	-----	2,143,723
Western States.....	25	-----	10,308,123
Pacific States and Territories.....	9	-----	28,739,783
United States.....	668	-----	803,299,345

SUMMARY.

New England States.....	555	11,116,605	422,857,726
Middle States.....	1,326	77,088,818	544,075,533
Southern States.....	520	35,559,029	47,774,074
Western States.....	1,782	47,470,286	126,284,766
Pacific States and Territories.....	217	34,148,094	101,802,804
United States.....	4,400	205,382,832	1,242,794,903

LEGAL INTEREST.

Alabama.—Eight percent. On usurious contracts the principal only can be recovered.

Arkansas.—Six per cent., but parties may contract for any rate not exceeding ten. Usury forfeits both principal and interest.

California.—Ten per cent. after a debt becomes due, but parties may agree upon any rate of interest whatever, simple or compound.

Colorado Territory.—Ten per cent. on money loaned.

Connecticut.—Six per cent. Usury forfeits interest taken in excess of legal rate.

Dakota.—Seven per cent. Parties may contract for a rate not exceeding twelve. Usury forfeits all the interest taken.

Delaware.—Six per cent. Penalty for usury forfeits a sum equal to the money lent.

District of Columbia.—Six per cent. Parties may stipulate in writing for ten. Usury forfeits all the interest.

Florida.—Eight per cent. Usury laws repealed. Money may be loaned at any rate.

Georgia.—Seven per cent. Parties may contract for twelve. A higher rate than twelve forfeits interest and excess.

Idaho Territory.—Ten percent. Parties may agree in writing for any rate not exceeding two per cent. per month. Penalty for greater rate is three times the amount paid, fine of \$300, or six months imprisonment, or both.

Illinois.—Six per cent., but parties may agree in writing for ten. Penalty for usury forfeits the entire interest.

Indiana.—Six per cent. Parties may agree in writing for any rate not exceeding ten. Beyond that rate is illegal as to excess only.

Iowa.—Six per cent. Parties may agree in writing for ten. A higher rate works a forfeiture of ten per cent.

Kansas.—Seven per cent. Parties may agree for twelve. Usury forfeits the excess.

Kentucky.—Six per cent., but contracts may be made in writing for ten. Usury forfeits the whole interest charged.

Louisiana.—Five per cent., eight per cent. may be stipulated for, if embodied in the face of the obligation, but no higher than eight per cent.

Maine.—Six per cent. Parties may agree in writing to any rate.

Maryland.—Six percent. Usurious contract's cannot be enforced for the excess above the legal rate.

Michigan.—Seven per cent. Parties may contract for any rate not exceeding ten.

Minnesota.—Seven per cent. Parties may contract to pay as high as twelve, in writing, but contract for higher rate is void to the excess.

Mississippi.—Six per cent. Parties may contract in writing for ten. Where more than ten is taken the excess cannot be recovered.

Missouri.—Six percent. Contract in writing may be made for ten. The penalty for usury is forfeiture of the interest at ten per cent.

Montana.—Parties may stipulate for any rate of interest.

Nebraska.—Ten per cent. or any rate on express contract not greater than twelve. Usury prohibits the recovery of any interest on the principal.

Nevada.—Ten per cent. Contracts in writing may be made for the payment of any other rate.

New Hampshire.—Six percent. A higher rate forfeits three times the excess to the person aggrieved suing therefor.

New Jersey.—Six per cent. Usury forfeits all interest and costs.

New Mexico Territory.—Six per cent., but parties may agree upon any rate.

New York.—Six per cent. Usury is a misdemeanor, punishable by a fine of \$1,000 or six months imprisonment, or both, and forfeits the principal, even in the hands of third parties.

North Carolina.—Six per cent.; eight may be stipulated for when money is borrowed. Penalty for usury is double the amount lent and indictment for misdemeanor.

Ohio.—Six per cent. Contract in writing may be for eight. No penalty attached for violation of law. If contract is for a higher rate than eight it is void as to interest, and recovery is limited to principal and six per cent.

Oregon.—Ten per cent. Parties may agree on twelve.

Pennsylvania.—Six per cent. Usurious interest cannot be collected. If paid it may be recovered by suit therefor within six months.

Rhode Island.—Six per cent. Any rate may be agreed upon.

South Carolina.—Seven per cent. Usury laws are abolished, and parties may contract without limit. Contracts must be in writing.

Tennessee.—Six per cent. Parties may contract in writing for any rate not exceeding ten per cent.

Texas.—Eight per cent. All usury laws abolished by the Constitution.

Utah Territory.—Ten per cent. No usury laws. Any rate may be agreed on.

Vermont.—Six per cent. Usury forfeits only the excess.

Virginia.—Six per cent. Lenders forfeit all interest in case of usury.

Washington Territory.—Ten per cent. Any rate agreed upon in writing is valid.

West Virginia.—Six per cent. Excess of interest cannot be recovered if usury is pleaded.

Wisconsin.—Seven per cent. Parties may contract in writing for ten. No interest can be computed on interest. Usury forfeits all the interest paid.

Wyoming Territory.—Twelve per cent., but any rate may be agreed upon in writing.

Upper Canada.—Six per cent., but parties may agree upon any rate.

Lower Canada.—Six per cent., but any rate may be stipulated for.

The Currency Act of Congress limits National Banks to a rate of six per cent. In the District of Columbia Congress allows a rate of ten per cent.

BUSINESS AND FAILURES IN THE UNITED STATES IN 1878.

Number reported in Bus'ns	From Dun, Barlow & Co.'s Report. STATES AND CITIES.	Number of Failures.	Amount of Liabilities.
5,315	Alabama.....	51	\$874,062
202	Arizona.....	6	81,307
4,211	Arkansas.....	41	407,653
17,058	{ California.....	310	6,899,539
	City of San Francisco.....	222	4,700,591
2,522	Colorado.....	58	541,542
12,587	Connecticut.....	281	4,680,588
840	Dakota.....	7	83,000
3,635	Delaware.....	23	281,500
2,713	District of Columbia.....	30	820,202
1,879	Florida.....	22	133,288
7,748	Georgia.....	119	3,738,134
299	Idaho.....	...	
51,075	{ Illinois.....	470	7,672,931
	City of Chicago.....	362	12,926,800
25,402	Indiana.....	374	5,243,549
22,760	Iowa.....	400	3,428,100
8,863	Kansas.....	44	647,902
16,846	Kentucky.....	220	5,905,756
7,859	Louisiana.....	127	4,830,462
11,004	Maine.....	170	1,406,200
13,329	Maryland.....	119	2,568,986
36,713	{ Massachusetts.....	604	12,707,645
	City of Boston.....	325	11,279,523
23,336	Michigan.....	369	6,627,709
9,127	Minnesota.....	149	1,052,403
5,525	Mississippi.....	99	1,073,660
20,878	{ Missouri.....	101	1,036,416
	City of St. Louis.....	167	4,171,300
401	Montana.....	...	
4,029	Nebraska.....	106	825,400
1,516	Nevada.....	37	419,797
7,587	New Hampshire.....	111	854,739
19,500	New Jersey.....	168	4,741,993
110,600	{ New York.....	969	15,791,084
	City of New York.....	863	42,501,731
6,635	North Carolina.....	89	11,059,200
49,158	{ Ohio.....	515	10,799,300
	City of Cincinnati.....	216	7,570,311
2,679	Oregon.....	13	173,500
79,608	{ Pennsylvania.....	770	15,714,270
	City of Philadelphia.....	257	101,373,700
5,123	Rhode Island.....	130	2,521,981
4,593	South Carolina.....	59	1,788,522
8,243	Tennessee.....	194	2,205,873
11,909	Texas.....	228	2,733,725
1,265	Utah.....	17	121,050
6,751	Vermont.....	113	1,843,350
15,534	Virginia and West Va.....	166	1,584,626
816	Washington Territory.....	3	16,900
20,305	Wisconsin.....	163	2,317,382
394	Wyoming.....	11	62,050
674,741	Total.....	10,478	\$234,383,132

The great increase in the number of failures and the amount of liabilities in 1878, was due to several causes. Prominent among these were the culmination of five years of business depression; unfavorable weather in the winter and spring; attempts in Congress to defeat resumption; a general decline of prices all over the world; the yellow fever epidemic, and the repeal of the bankrupt law, which took effect Sept. 1, and hastened the bankruptcy of many who sought to take advantage of its provisions. The resumption of specie payments in 1879, the immense crops of 1878, and the cheering prospects for trade, give a much better outlook for the present year.

RATES OF POSTAGE

BETWEEN THE UNITED STATES AND GREAT BRITAIN AND OTHER FOREIGN COUNTRIES.

The standard single rate to Great Britain is $\frac{1}{2}$ oz. avoirdupois; to France and the Continent (by French Mails), it is 15 grammes, or $\frac{1}{4}$ oz. avoirdupois.

* Prepayment of Union Rates are optional. When not prepald, double Rates are collected.

DESTINATION.	Letters $\frac{1}{4}$ oz. or less CTS.	Newsp. papers CTS.	(Sample of Mails per oz. or less CTS.)
Africa, Spanish Possessions on Northern Coast.....	*5	2	2
Australia, except New South Wales and Queensland, via San Fran.....	5	2	2
Austria.....	*5	2	2
Azores.....	*5	2	2
Balearic Isles.....	*5	2	2
Belgium.....	*5	2	2
Bermuda.....	5	2	2
Canary Islands.....	*5	2	2
Carthagena and U. S., of Colombia, direct Mail.....	5	2	-
Costa Rica, direct Mail, via Aspinwall.....	5	2	-
Cuba, direct Mail.....	5	2	2
Denmark.....	*5	2	2
Egypt.....	*5	2	2
Faroe Islands.....	*5	2	2
Fiji Islands, direct, via San Francisco.....	5	2	-
Finland.....	5	2	2
France.....	*5	2	2
Germany.....	*5	2	2
Gibraltar, British Mail.....	*5	2	2
Great Britain.....	*5	2	2
Greece.....	*5	2	2
Haiti, by direct Steamer.....	5	2	-
Honduras, Spanish, via Panama.....	5	2	2
Iceland.....	*5	2	2
Island of Malta.....	*5	2	2
Island of Madeira.....	*5	2	2
Italy.....	*5	2	2
Japan, direct, via San Francisco.....	5	2	2
Luxemburg.....	*5	2	2
Moldavia, Montenegro, Roumania and Servia.....	5	2	2
Morocco—Western Coast—Spanish Postal Stations.....	*5	2	2
Netherlands.....	*5	2	2
New Foundland.....	5	2	2
New Granada, direct Mail.....	5	2	2
Nicaragua, direct Mails, Western Ports only.....	5	2	2
Norway.....	*5	2	2
Panama, direct Mail.....	5	2	-
Pekin, Tien Tsin, Kalgan, and Ourga, via Germany and Russia.....	5	2	2
Persia, German Mail.....	5	2	2
Poland.....	5	2	2
Porto Rico, direct Mail.....	5	2	2
Portugal.....	*5	2	2
Roumania.....	*5	2	2
Russia.....	*5	2	2
Servia.....	*5	2	2
Shanghai, direct from San Francisco.....	*5	2	2
Spain.....	*5	2	2
St. Domingo, direct Steamer.....	5	2	2
Sweden.....	*5	2	2
Switzerland.....	*5	2	2
Tangier, via Spain.....	*5	2	2
Tripolis, Italian Mail.....	5	2	2
Tunis, " "	5	2	2
Turkey.....	*5	2	2
West Indies, direct Mail.....	5	2	2

RATES OF POSTAGE.—Continued.

The standard single rate to Great Britain, is $\frac{1}{2}$ oz. avoirdupois; to France and the Continent (by French Mails), it is 15 grammes, or $\frac{1}{2}$ oz. avoirdupois, nearly.

* Prepayment of Union Rates are optional. When not pre-paid, double Rates are collected.

DESTINATION.	Letters cts.	News- paper cts.	Samples of Midzle per oz. or less cts.
Africa, British Possessions on West Coast, by British Mail.	*10	4	4
Argentine Confederation, U. S. Packet, <i>via</i> Brazil.	10	4	4
Australia, New South Wales and Queensland, <i>via</i> Southampton.	15	4	4
Bolivia, British Mail, <i>via</i> Aspinwall.	17	4	5
Brazil, direct Mail.	10	4	4
British Columbia.	3	1	10
Burmah, German Mail.	*10	3	4
Burmah, British Mail, <i>via</i> Brindisi.	10	4	4
Buenos Ayres, U. S. Packet, <i>via</i> Brazil.	10	4	4
Canada.	3	1	10
Carthagena, New Grenada, British Mail and U. S. of Colombia.	13	4	6
Cape of Good Hope, British Mail.	*15	4	4
Curacao, British Mail, <i>via</i> St. Thomas.	10	4	8
Ceylon, British Mail, <i>via</i> Southampton.	*10	4	4
Chili, British Mail, <i>via</i> Colon.	17	4	10
Costa Rica, Eastern parts of British Mail, <i>via</i> Colon.	13	4	10
Ecuador, British Mail <i>via</i> Colon.	17	4	10
Gambia, British Mail, <i>via</i> Southampton.	10	4	4
Gold Coast, British Mail.	*10	4	4
Guadaloupe, British Mail, <i>via</i> St. Thomas.	*10	4	4
Greytown, British Mail, <i>via</i> Aspinwall.	13	4	10
Guiana, British, French and Dutch, <i>via</i> St. Thomas.	10	4	4
Guatemala, direct Mail, <i>via</i> Aspinwall.	10	2	-
Hawaiian Kingdom, direct Mail.	6	1	-
Honduras, British.	10	4	4
Honduras, other.	13	6	3
Hayti, <i>via</i> St. Thomas.	13	6	3
Hong Kong, Canton, Swatow, Amoy and Foo Chow, <i>via</i> San Fran.	10	2	4
India (Hindostan except Ceylon) British Mail.	*10	4	4
Java, British Mail, <i>via</i> Southampton.	10	2	4
Liberia, British Mail, <i>via</i> Southampton.	*15	4	4
Martinique, " " " St. Thomas.	10	4	4
Morocco, " " except Spanish Possessions on West Coast.	15	4	4
Mexico, by sea.	10	2	2
New Caledonia and all French Colonies.	10	4	4
" overland.	3	1	-
New South Wales, direct Mail.	12	2	4
New Zealand, " "	12	2	4
Nicaragua, (Eastern ports of) British Mail, <i>via</i> Colon.	13	4	10
Paraguay, British Mail.	27	4	4
Persia, <i>via</i> Persian Gulf.	10	4	4
Peru, British Mail, <i>via</i> Aspinwall.	10	4	4
Queensland, British Mail, <i>via</i> Southampton.	12	2	4
Salvador direct Mail.	10	2	-
Siam, direct from San Francisco.	10	2	8
Sierra Leone, British Mail, <i>via</i> Southampton.	*10	4	4
St. Domingo, <i>via</i> St. Thomas.	13	6	3
St. Helena, British Mail.	*27	4	4
Straits Settlements, Singapore, &c.	10	4	4
Turks Island, British Mail, <i>via</i> St. Thomas.	13	4	6
Uruguay, British Mail.	27	4	4
Venezuela, British Mail, <i>via</i> St. Thomas.	13	6	3
Victoria.	12	2	4
West Indies, British Mail, <i>via</i> St. Thomas.	13	4	6
" " French Colonies, <i>via</i> France.	10	4	4
Zanzibar, British Mail, <i>via</i> Southampton.	*10	4	4

* This rate for 8 oz. Samples—No Samples exceeding 8 oz. in weight can be forwarded. † For 4 oz.

RATES OF DOMESTIC POSTAGE.

LETTERS.

The standard single-rate weight is $\frac{1}{2}$ oz. avoirdupois.

Single-rate letter, throughout the United States.....	3cts.
For each additional $\frac{1}{2}$ oz. or fraction.....	3 "
Drop letters, for local delivery, single rate.....	2 "
Drop letters, where there is no local delivery, single rate.....	1 ct.
Postal card, throughout the United States.....	1 "
Advertised letters are charged extra.....	1 "

These postages must be prepaid by stamps. Letters are to be forwarded without additional charge, if the person to whom they are addressed has changed his residence, and has left proper directions to such effect. Letters uncalled for will be returned to the sender, if a request to that effect be written upon the envelope. Properly certified letters of soldiers and sailors will be forwarded without pre-payment. No extra charge is made for the service of carriers taking letters to or from the Post-offices.

NEWSPAPERS.

1. On newspapers (excepting weeklies), whether regular or transient, and without regard to weight or frequency of issue, 1 cent each.
2. On periodicals (other than newspapers), whether regular or transient, not exceeding two ounces in weight, 1 cent each.
3. On periodicals (other than newspapers), whether regular or transient, exceeding two ounces in weight, 2 cents each.
4. Circulars, unsealed, 1 cent each. These rates to be prepaid by ordinary postage stamps affixed.
5. Weekly newspapers, excepted above, to regular subscribers, 2 cents per pound, to be weighed in bulk, and prepaid with "newspaper and periodical stamps" at the office of mailing.
6. Weekly newspapers to transient parties, 1 cent for each ounce or fraction thereof, to be prepaid by ordinary postage stamps affixed.

RATES OF POSTAGE ON THIRD-CLASS MATTER.

Mailable matter of the third class embraces all pamphlets, occasional publications, transient newspapers, magazines, handbills, posters, unsealed circulars, prospectuses, books, book manuscripts, proof-sheets, corrected proof-sheets, maps, prints, engravings, blanks, flexible patterns, articles of merchandise, sample cards, photographic paper, letter envelopes, postal envelopes and wrappers, cards, plain and ornamental paper, photographic representations of different types, seeds, cuttings, bulbs, roots, scions, and all other matter which may be declared mailable by law, and all other articles not above the weight prescribed by law, which are not, from their form or nature, liable to destroy, deface, or otherwise injure the contents of the mail-bag or the person of any one engaged in the postal service. Weight of packages not to exceed four pounds.

By act of July 12, 1866, third-class matter is divided as follows:

One cent for two ounces.—Almanacs, books (printed), calendars, catalogues, corrected proofs, handbills, magazines, when not sent to regular subscribers, maps—lithographed or engraved—music (printed sheet), newspapers when not sent to regular subscribers, occasional publications, pamphlets, posters, proof-sheets, prospectuses, and regular publications designed primarily for advertising purposes, or for free circulation, or for circulation at nominal rates.

One cent for each ounce.—Blank books, blank cards, book manuscript passing between authors and publishers, card boards and other flexible material, chromo-lithographs, circulars, engravings, envelopes, flexible patterns, heliotypes, letter envelopes, letter paper, lithographs, merchandise, models, ornamented paper, postal cards, when sent in bulk and not addressed, photographic views, photographic paper, printed blanks, printed cards, sample cards, samples of ores, metals, minerals, and merchandise, seeds, cuttings, bulbs, roots, and scions, stereoscopic views.

Any article of mail-matter, subject to postage at the rate of one cent for each ounce or fraction thereof, which may be inclosed in the same package with items subject to the rate of one cent for each two ounces or fraction thereof, will subject the entire package to the highest rate, viz.: one cent for each ounce or fraction thereof.

All packages of matter of the third class must be so wrapped or enveloped, with open sides or ends, that their contents may be readily and thoroughly examined by postmasters without destroying the wrappers; but seeds, and other articles liable, from their form or nature, to loss or damage unless specially protected, may be inclosed in unsealed bags or boxes which can readily be opened for examination of the contents and reclosed; or sealed bags, made of material sufficiently transparent to show the contents clearly, without opening, may be used for such matter.

Matter of the third class inclosed in sealed envelopes notched at the ends or sides, or with the corners cut off, cannot be mailed except at letter postage rates.

Matter of the second and third classes containing any writing whatever will be charged with letter postage, except as follows:

The sender of any article of the third class of mail-matter may write his or her name or address therein, or on the outside thereof, with the word "from" above or preceding the same, or may write briefly or print on any package the number and names of the articles inclosed.

POSTAL CARDS.

The object of the postal card is to facilitate letter correspondence and provide for the transmission through the mails, at a reduced rate of postage, of short communications, either printed or written in pencil or ink. They may therefore be used for orders, invitations, notices, receipts, acknowledgments, price-lists, and other requirements of business and social life; and the matter desired to be conveyed may be either in writing or in print, or partially in both.

In their treatment as mail-matter they are to be regarded by postmasters the same as sealed letters, and not as printed matter, except that in no case will unclaimed cards be returned to the writers or sent to the Dead Letter Office. If not delivered within sixty days from the time of receipt they will be burned by postmasters.

The postage of one cent each is paid by the stamp impressed on these cards, and no further payment is required.

No card is a "postal card" except such as are issued by the Post Office Department. An ordinary printed business card may be sent through the mails when prepaid by a one-cent postage stamp attached; but such card must contain absolutely no written matter except the address; otherwise it will be treated as not fully prepaid, and refused admission into the mails.

In using postal cards, be careful not to write or have anything printed on the side to be used for the address, except the address; also be careful not to paste, gum, or attach anything to them. They are unavailable as postal cards when these suggestions are disregarded.

THE FOLLOWING ARTICLES ARE UNMAILABLE.

Packages containing liquids, poisons, glass, explosive chemicals, live animals, sharp-pointed instruments, flour, sugar, or any other matter liable to deface or destroy the contents of the mail, or injure the person of any one connected with the service. All letters upon the envelope of which, or postal card upon which, indecent, lewd, obscene, or lascivious delineations, epithets, terms, or language may be written or printed, or disloyal devices printed or engraved, and letters or circulars concerning illegal lotteries, so-called gift concerts, or other similar enterprises offering prizes, or concerning schemes devised and intended to deceive and defraud the public. Also, all obscene, lewd, or lascivious books, pamphlets, pictures, papers, prints, or other publications of an indecent character.

Registration.—Letters may be registered on payment of a fee of ten cents, but the Government takes no responsibility for safe carriage or compensation in case of loss.

Registration Fee on Packages.—Prepaid at letter rates, not over four pounds in weight, to any part of the United States, 10 cents for each package, in addition to the postage. The package must be endorsed on the back, with the name and address of the sender, and a receipt will be returned from the person to whom it is addressed.

Money Orders.—All principal post-offices now receive small sums of money, and issue drafts for the same upon other post-offices, subject to the following charges and regulations.

These Orders, payable at any Money Order Post Office in the country, are issued at the following rates :

On orders not exceeding \$15.....	10 cts.
Over \$15 and not exceeding \$20.....	15 "
Over \$20 and not exceeding \$40.....	20 "
Over \$40 and not exceeding \$50.....	25 "

When more than \$50 is required, additional orders must be obtained, but not more than three orders will be issued in one day to the same payee, at the same office.

If a money order is lost, a certificate should be obtained from both the paying and issuing Postmaster that it has not been paid, and will not be paid, and the Department at Washington will issue another on application.

If a money order is not collected within one year from date, it is invalid, and can only be paid by the Department at Washington on application through the issuing or paying Postmaster.

PRINTED MATTER TO THE BRITISH PROVINCES.

The regular United States rates must be prepaid, but these only pay for transportation to the boundary line; a second fee is charged on delivery by the Provincial post-office.

ACT OF JANUARY 27, 1873, ABOLISHING THE FRANKING PRIVILEGE.

Be it enacted, &c., That the franking privilege be, and the same is hereby abolished, from and after the first day of July, A. D. 1873, and that henceforth all official correspondence of whatever nature, and other mailable matter, sent from or addressed to any officer of the Government or person now authorized to frank such matter shall be chargeable with the same rates of postage as may be lawfully imposed upon like matter sent by or addressed to other persons.

RAILROAD STATISTICS.

MILEAGE OF RAILROADS IN OPERATION, AND ANNUAL INCREASE, 1830-1878.

[From Poor's Manual of the Railroads of the United States.]

YEARS.	Miles in Operati'n.	Annual Increase of Mileage.	YEARS.	Miles in Operati'n.	Annual Increase of Mileage.	YEARS.	Miles in Operati'n.	Annual Increase of Mileage.
1830	23		1847	5,593	668	1864	33,908	738
1831	95	72	1848	5,996	398	1865	35,085	1,177
1832	229	131	1849	7,365	1,369	1866	36,827	1,742
1833	380	151	1850	9,021	1,656	1867	39,276	2,449
1834	633	233	1851	10,982	1,961	1868	42,255	2,979
1835	1,098	465	1852	12,908	1,926	1869	47,203	4,953
1836	1,273	175	1853	15,360	2,452	1870	50,898	5,690
1837	1,497	224	1854	16,720	1,360	1871	50,568	7,670
1838	1,913	416	1855	18,374	1,654	1872	56,735	6,167
1839	2,302	389	1856	22,016	3,642	1873	70,840	4,105
1840	2,818	516	1857	24,03	2,487	1874	72,741	1,901
1841	3,535	717	1858	26,968	2,405	1875	74,658	1,917
1842	4,026	491	1859	28,789	1,821	1876	77,511	2,856
1843	4,183	159	1860	30,635	1,846	1877	79,795	2,281
1844	4,377	192	1861	31,26	651	1878	82,483	2,688
1845	4,633	256	1862	32,120	834			
1846	4,930	297	1863	33,170	1,050			

It is estimated that there are 1,900 miles of railroad track, in double, treble or quadruple tracks, sidings, etc., making the total length in single track, January 1, 1878, 18,293 miles, and January 1, 1879, about 101,000 miles. The mileage of 1878 is 2,683 against 2,581 in 1877.

MILEAGE OF NEW RAILROADS CONSTRUCTED IN EACH STATE AND TERRITORY FOR FIVE YEARS.

[From the Railway Age.]

STATES, &c.	1871.	1873.	1876.	1877.	1878.	STATES, &c.	1874.	1875.	1876.	1877.	1878.
Alabama	18	.....	.....	1 $\frac{1}{2}$	22	Missouri	31	27	109 $\frac{1}{2}$	36	209
Alaska	.....	.....	.....	.....	.....	Montana	.....	.....	.....	.....	.....
Arizona	.....	.....	.....	30	.....	Nebaska	.....	22	52	69	55
Arkansas	18	38 $\frac{1}{2}$	49	.....	7	Nevada	40	64	.....	.....	.....
California	140 $\frac{1}{2}$	125	344 $\frac{1}{2}$	235 $\frac{1}{2}$	71 $\frac{1}{2}$	N. Hampshire	45	15 $\frac{1}{2}$	9 $\frac{1}{4}$	18	35
Colorado	23	111 $\frac{1}{2}$	154 $\frac{1}{2}$	123 $\frac{1}{2}$	193 $\frac{1}{2}$	New Jersey	39	72 $\frac{1}{2}$	64	81 $\frac{1}{2}$	3
Connecticut	.....	21	7	3 $\frac{1}{2}$	.....	New Mexico	.....	.....	.....	.....	.....
Dakota	.....	.....	.....	15	.....	New York	125 $\frac{1}{2}$	206	69 $\frac{1}{2}$	151 $\frac{1}{2}$	129 $\frac{1}{2}$
Delaware	19	5	.....	6	.....	N. Carolina	68	13	43	27	16
Florida	18	.....	.....	13	.....	Ohio	172 $\frac{1}{2}$	26	275	269	97
Georgia	5	4	42	.....	62	Oregon	.....	.....	.....	36	.....
Idaho	.....	.....	.....	126	.....	Pennsylvania	191 $\frac{1}{2}$	136 $\frac{1}{2}$	90 $\frac{1}{2}$	119 $\frac{1}{2}$	188 $\frac{1}{2}$
Illinois	231	200	58	55 $\frac{1}{2}$	103	Rhode Island	14	9	9 $\frac{1}{2}$	.....	.....
Indiana	203 $\frac{1}{2}$	109 $\frac{1}{2}$	72 $\frac{1}{2}$	24	74	S. Carolina	.....	15	17	48 $\frac{1}{2}$	16 $\frac{1}{2}$
Indian Ter'y	.....	2	.....	.....	.....	Tennessee	75	34 $\frac{1}{2}$	38 $\frac{1}{2}$	168 $\frac{1}{2}$	118 $\frac{1}{2}$
Iowa	48	84 $\frac{1}{2}$	96 $\frac{1}{2}$	165 $\frac{1}{2}$	255 $\frac{1}{2}$	Texas	.....	.....	.....	.....	.....
Kansas	61	.....	76	86 $\frac{1}{2}$	169 $\frac{1}{2}$	Utah	59	27	20	.....	.....
Kentucky	31 $\frac{1}{2}$	.....	138	28 $\frac{1}{2}$	20	Vermont	5	32	71	.....	.....
Louisiana	.....	.....	2	.....	.....	Virginia	70 $\frac{1}{2}$	.....	10	163 $\frac{1}{2}$	10 $\frac{1}{2}$
Maine	37 $\frac{1}{2}$	10	20	.....	.....	Washington	6	.....	.....	53 $\frac{1}{2}$	15
Maryland	12	17	15	.....	.....	W. Virginia	.....	.....	.....	20 $\frac{1}{2}$	10 $\frac{1}{2}$
Massachusetts	27 $\frac{1}{2}$	33	5	17 $\frac{1}{2}$	6	Wisconsin	162	23	123 $\frac{1}{2}$	62	83 $\frac{1}{2}$
Michigan	43	30	46	56	110 $\frac{1}{2}$	Wyoming Ter	.....	.....	5	.....	.....
Minnesota	36	.....	34	204	338 $\frac{1}{2}$	Total	5,025	1,561	2,430	1,281	2,688
Mississippi	27	.....	10	.....	26						

GENERAL RESULT OF RAILROAD OPERATIONS, 1871-1878.

YEARS.	Miles Operated.	Capital and Funded Debt	EARNINGS.		Dividends Paid.
			Gross.	Net.	
1871	44,614	\$2,664,627,047	\$403,339,203	\$141,746,404	\$56,456,661
1872	57,327	3,159,423,057	456,241,055	165,754,373	64,118,157
1873	66,213	3,781,543,034	526,419,935	183,810,562	67,120,709
1874	69,213	4,221,570,594	520,466,016	189,570,958	67,042,942
1875	71,737	4,415,631,610	503,065,565	185,504,438	74,294,298
1876	73,508	4,468,591,925	497,257,979	186,452,758	68,039,068
1877	74,112	4,568,507,242	472,909,272	170,970,097	58,556,312
1878	73,930	4,589,918,193	493,103,351	187,375,167	58,629,368

DIFFERENCE OF TIME.

WHEN it is 12 o'clock at noon at New York City, it will be morning at all places west of New York, and afternoon at all places east, as in the annexed table.

PLACES WEST.	MORN'G.	PLACES WEST.	MORN'G.	PLACES WEST.	MORN'G.
H. M. S.		H. M. S.		H. M. S.	
Acapulco, Mexico.....	10 16 48	Little Rock, Ark.....	10 47 16	Sacramento, Cal.....	8 56 44
Auburn, New York.....	11 50 12	Louisville, Ky.....	10 14 4	St. Augustine, Fla.....	11 29 4
Augusta, Ga.....	11 28 28	Mexico, Mex.....	10 19 44	St. Louis, Mo.....	10 55 44
Baltimore, Md.....	11 49 38	Milledgeville, Ga.....	11 22 45	St. Paul, Minn.....	10 43 45
Burlington, N. J.....	11 56 31	Milwaukee, Wis.....	11 4 16	San Antonio, Texas.....	10 22 8
Buffalo, N. Y.....	11 40 24	Mobile, Ala.....	11 0 2	San Diego, Cal.....	9 7 11
Charleston, S. C.....	11 36 22	Monterey, Mex.....	10 14 22	San Francisco, Cal.....	8 46 19
Chicago, Ill.....	11 6 2	Monterey, Cal.....	8 48 33	Santa Fe, N. Mex.....	9 51 59
Cincinnati, O.....	11 13 16	Nashville, Tenn.....	11 8 48	Santa Cruz, W. I.....	8 48 4
Columbus, O.....	11 23 52	Natchez, Miss.....	10 50 26	Savannah, Ga.....	11 31 32
Dayton, O.....	11 19 20	Newark, N. J.....	11 59 24	Searboro Har., W. T.....	8 37 36
Detroit, Mich.....	11 21 34	Newbern, N. C.....	11 47 44	Springfield, Ill.....	10 57 53
Dover, Del.....	11 54 4	New Orleans, La.....	10 56 4	Tallahassee, Fla.....	11 17 40
Ewing Harbor, O. T.....	8 38 9	Norfolk, Va.....	11 50 49	Tampico, Mex.....	10 24 37
Ft. Leavenworth, Kan.....	10 37 8	Pensacola, Fla.....	11 8 0	Toronto, C. W.....	11 38 38
Galveston, Texas.....	10 36 58	Petersburg, Va.....	11 46 44	Trenton, N. J.....	11 57 23
Geneva, N. Y.....	11 47 53	Philadelphia, Pa.....	11 55 25	Tuscaloosa, Ala.....	11 5 16
Harrisburg, Pa.....	11 48 44	Pittsburg, Pa.....	11 35 56	Utica, N. Y.....	11 55 12
Honolulu, S. L.....	6 24 8	Point Hudson, W. T.....	7 45 6	Vera Cruz, Mex.....	20 41 30
Huntsville, Ala.....	11 8 16	Princeton, N. J.....	11 57 26	Vincennes, Ind.....	11 6 24
Indianapolis, Ind.....	11 11 44	Racine, Wis.....	11 5 23	Washington, D. C.....	11 47 53
Jackson, Miss.....	10 55 32	Raleigh, N. C.....	11 40 52	Wheeling, W. Va.....	11 33 16
Jefferson, Mo.....	10 47 32	Richmond, Va.....	11 46 15	Wilmington, N. C.....	11 43 24
Key West, Fla.....	11 28 54	Rochester, N. Y.....	11 44 40	Wilmington, Del.....	11 54 12
Knoxville, Tenn.....	11 20 28	Sackets Harbor, N.Y.....	11 52 16	Yorktown, Va.....	11 49 48

PLACES EAST	AFTER-NOON.	PLACES EAST	AFTER-NOON.	PLACES EAST	AFTER-NOON.
H. M. S.		H. M. S.		H. M. S.	
Albany, N. Y.....	0 1 6	Halifax, N. S.....	0 41 38	Paris, France.....	5 5 26
Augusta, Mo.....	0 16 44	Hamburg, Germany.....	5 35 58	Portland, Maine.....	0 15 10
Bangor, Me.....	0 26 56	Hartford, Conn.....	0 5 21	Providence, R. I.....	0 10 25
Berlin, Prns.....	5 49 39	London, England.....	4 55 4	Quebec, Canada.....	0 11 0
Boston, Mass.....	0 11 50	Lowell, Mass.....	0 10 4	Rome, Italy.....	45 45 50
Constantinople, Tur.....	6 52 0	Middletown, Conn.....	0 5 23	St. Petersburg, Rus.....	6 57 18
Dublin, Ireland.....	4 30 42	Montreal, L. C.....	0 1 44	Stockholm, Sweden.....	6 8 18
Edinburgh, Scotland.....	4 43 21	New Haven, Conn.....	0 4 23	Vicuna, Austria.....	6 1 37
Fredericton, N. B.....	0 29 4				

THE LARGE CITIES OF THE WORLD.

CITIES.	POPULATION.	CITIES.	POPULATION.	CITIES.	POPULATION.	CITIES.	POPULATION.
London.....	3,593,184	Chicago.....	503,295	Salkio.....	200,000	Buenos Ayres.....	95,000
Paris.....	1,988,748	Ningpo.....	500,000	Lucknow.....	234,779	Bristol.....	190,569
Peking.....	1,500,000	Naples.....	448,743	Sheffield.....	282,000	Prague.....	89,949
Canton.....	1,300,000	Hamburg.....	406,014	Rio de Janeiro.....	244,972	Bradford.....	80,000
New York.....	1,209,561	Manchester.....	400,000	Milan.....	261,970	Santiago.....	89,000
Constantinople.....	1,075,600	Birmingham.....	400,000	Rome.....	236,022	Benares.....	175,188
Berlin.....	1,045,000	Nanking.....	400,000	Bangkok.....	355,000	Belfast.....	174,394
Vienna.....	1,020,770	Amoy.....	400,000	Barcelona.....	252,018	Adygea, N. S. W.....	74,249
Philadelphia.....	847,452	Madras.....	387,522	Warsaw.....	251,584	Florence.....	67,983
Tokio, I'te Yedo.....	800,000	Madras.....	380,238	Melbourne.....	251,000	Stockholm.....	165,677
Foochow.....	800,000	St. Louis.....	377,000	Havana.....	250,000	Lille.....	162,975
Calcutta.....	794,615	Madrid.....	367,284	Clucknall.....	246,158	Odessa.....	161,814
New Yedo.....	780,621	Boston.....	368,565	Breslau.....	239,050	Washington.....	161,000
St. Petersburg.....	670,000	Che Foo.....	350,000	San Francisco.....	227,350	Pittsburgh.....	159,165
Bombay.....	644,405	Cairo.....	349,883	Bucharest.....	221,805	Patna, India.....	158,900
Macao.....	625,000	Lyon.....	342,515	Palermo.....	219,938	Cleveland.....	157,916
Moscow.....	611,970	Baltimore.....	380,000	Edinburgh.....	218,749	Buffalo.....	154,768
Hankow.....	600,000	Shanghai.....	320,000	Bordeaux.....	151,140	Delhi.....	154,417
Kon Klang.....	600,000	Marseilles.....	318,864	New Orleans.....	151,123	Salford.....	152,500
Brooklyn.....	566,930	Mexico.....	315,596	Alexandria.....	12,054	Seville.....	152,009
Kioto, Japan.....	560,200	Dublin.....	314,660	Turin.....	107,770	Monte Video.....	150,000
Glasgow.....	555,044	Buda-Pesth.....	313,401	Copenhagen.....	105,000	Dundee.....	149,720
Osaca, Japan.....	538,000	Amsterdam.....	302,266	Munich.....	98,839	Agra, India.....	149,008
Liverpool.....	527,000	Leeds.....	303,000	Dresden.....	97,295		

TABLE OF IMPORTS, FOREIGN EXPORTS, NET IMPORTS AND DOMESTIC EXPORTS, FROM 1844 to 1880.

The following table exhibits the Imports, Exports of Foreign Goods, net Imports and Exports of goods, the production, growth or manufacture of the United States from the year 1821, when for the first time, the distinction was made between the imports and exports of merchandize and that of coin and bullion. The fiscal year closed September 30, till June 30, 1843, when it closed as now, June 30. An additional column gives the value of our domestic exports, since 1861, in mixed values—gold and currency, all the other columns being in gold values.

YEAR, ENDING:	Imports.	Foreign Exports	Net Imports.	DOMESTIC EXPORTS.	
				Total Gold Value.	Mix'd Values Gold & C'reny.
Sept. 30.....1821.....	62,585,724	21,302,488	41,283,236	43,671,894	
" ".....1822.....	83,241,541	22,886,202	60,955,339	49,874,079	
" ".....1823.....	77,579,267	27,543,622	50,035,645	47,155,408	
" ".....1824.....	80,549,007	25,337,157	55,211,850	50,649,500	
" ".....1825.....	96,310,075	32,590,643	63,749,432	66,944,745	
" ".....1826.....	84,974,477	24,539,612	60,434,863	53,055,710	
" ".....1827.....	79,484,068	23,403,136	56,080,932	58,921,691	
" ".....1828.....	88,509,824	21,595,017	66,914,807	56,669,669	
" ".....1829.....	74,4,2,527	16,658,478	57,834,049	55,700,193	
" ".....1830.....	70,876,920	14,387,479	56,489,441	59,462,029	
" ".....1831.....	103,191,124	20,033,526	83,157,598	61,277,057	
" ".....1832.....	101,029,266	24,039,473	76,989,793	63,137,470	
" ".....1833.....	103,118,311	19,822,735	88,203,576	70,317,698	
" ".....1834.....	126,521,332	23,312,811	103,208,521	81,024,162	
" ".....1835.....	149,895,742	20,504,495	129,391,247	101,189,082	
" ".....1836.....	189,980,035	21,746,360	168,233,675	106,916,680	
" ".....1837.....	140,9,9,217	21,854,962	119,134,255	95,564,414	
" ".....1838.....	113,717,404	12,452,795	101,264,609	96,033,821	
" ".....1839.....	162,092,132	17,494,525	144,597,607	103,533,891	
" ".....1840.....	107,141,519	18,190,312	88,951,207	113,895,634	
" ".....1841.....	127,946,177	15,469,081	112,477,096	106,382,722	
" ".....1842.....	100,162,087	11,721,538	88,440,549	92,969,996	
June 30.....1843*.....	64,753,799	6,552,697	58,201,102	77,793,783	
June 30.....1844.....	108,435,035	11,484,867	96,950,168	99,715,179	
" ".....1845.....	117,254,564	15,346,830	101,907,734	99,299,776	
" ".....1846.....	121,691,797	11,346,623	110,345,174	102,141,893	
" ".....1847.....	146,545,638	8,011,158	138,534,480	150,637,464	
" ".....1848.....	154,998,928	21,128,010	133,870,918	132,904,121	
" ".....1849.....	147,857,439	13,088,865	134,768,574	132,666,955	
" ".....1850.....	178,138,318	14,951,808	163,186,510	136,946,912	
" ".....1851.....	216,224,932	21,698,293	194,526,639	196,689,718	
" ".....1852.....	212,945,442	17,289,382	195,656,060	192,368,984	
" ".....1853.....	267,978,647	17,558,460	250,420,187	213,417,697	
" ".....1854.....	304,502,381	21,850,194	279,712,187	252,047,806	
" ".....1855.....	261,468,530	28,448,293	233,020,327	246,704,553	
" ".....1856.....	314,639,942	16,378,578	218,261,364	310,586,330	
" ".....1857.....	360,890,141	23,975,617	336,914,524	338,985,865	
" ".....1858.....	292,613,150	30,886,142	251,727,008	293,758,279	
" ".....1859.....	338,768,130	20,895,077	317,873,053	335,894,385	
" ".....1860.....	362,166,254	26,933,022	335,233,232	373,189,274	
" ".....1861.....	335,650,153	20,645,427	315,004,726	228,699,486	
" ".....1862.....	205,771,729	16,869,466	188,902,263	210,688,675	\$213,069,519
" ".....1863.....	252,919,930	26,123,584	226,796,336	241,997,474	305,884,993
" ".....1864.....	339,562,895	20,256,940	309,305,955	243,977,589	320,035,199
" ".....1865.....	248,555,652	32,114,157	216,441,495	201,558,372	323,743,187
" ".....1866.....	445,512,158	14,742,117	430,770,041	420,161,476	550,684,277
" ".....1867.....	417,833,575	20,611,508	397,223,067	332,618,089	438,577,312
" ".....1868.....	371,624,808	29,601,126	349,023,682	333,135,875	454,301,713
" ".....1869.....	437,314,255	25,173,414	412,140,841	318,082,663	413,961,115
" ".....1870.....	462,377,587	30,427,159	431,950,428	420,500,275	499,092,143
" ".....1871.....	541,493,708	28,450,899	513,033,809	512,802,267	562,518,631
" ".....1872.....	640,338,766	22,769,749	617,569,017	501,285,371	549,219,713
" ".....1873.....	663,617,147	28,149,511	635,467,636	578,938,985	649,132,563
" ".....1874.....	595,861,248	23,780,338	572,080,910	629,133,107	693,039,051
" ".....1875.....				\$10,200,059	\$11,421,066
" ".....1876.....	553,906,153	22,433,624	531,472,529	583,141,929	643,094,767
" ".....1877.....	476,677,871	21,270,035	455,407,836	\$15,596,524	\$15,596,524
" ".....1878.....	492,097,540	25,832,495	466,265,045	\$10,507,563	\$10,507,563
" ".....1879.....	466,879,846	20,834,738	446,038,108	707,771,153	676,115,592
" ".....1880.....	466,078,775	12,098,651	446,532,718	717,093,777	\$10,535,857
" ".....1880.....	743,481,765	11,692,805	845,990,528	845,990,528	

* Nine months only.

§ Addition to Domestic Exports, Merchandise only, taken from Canadian reports.

SILK MANUFACTURE AND THE IMPORTATION OF SILK GOODS IN THE UNITED STATES IN THE YEARS 1875-'78.

American Silk Industry.—Value of Goods Manufactured each Year.

ARTICLES MANUFACTURED.	1875.	1876.	1877.	1878.
Trams.....	\$ 2,976,551	\$ 768,490	\$ 2,362,455	\$ 8
Organdino.....	1,819,000	614,961	1,353,458	
Spun Silk.....	850,000	805,000	850,010	
Fringe Silk.....	243,489	203,172	225,720	
Floss Silk.....	42,568	33,428	32,638	
Swinging Silk.....	883,079	951,460	349,400	
Machino Twist.....	5,533,754	5,301,059	4,136,463	
Dress Goods.....	1,412,300	1,350,535	1,112,081	
Tourlards and Millinery Silks.....	2,544,191	2,679,166	1,319,080	
Woman's and Men's Scarfs.....	134,523	119,946	109,955	
Handkerchiefs.....	905,115	927,010	1,324,166	
Ribbons.....	4,815,485	4,526,536	3,927,470	
Laces.....	164,000	220,600	156,580	
Coach Laces.....	35,652	24,500	18,040	
Veil's and Veiling.....	63,264	10,518	11,890	
Silk Nose.....	6,000	2,200	4,500	
Brands and Bindings.....	387,100	315,000	220,400	
Military Trimmings.....	28,000	33,000	22,500	
Upholstery Trimmings.....	459,613	536,016	382,200	
Ladies Dress Trimmings.....	3,397,237	3,705,076	2,806,330	
Foulards.....	472,000	472,000	472,000	
Totals.....	\$87,158,071	\$96,592,103	\$21,411,426	\$22,000,000

Importation of Silk Goods and Manufactures, at the Port of New York
In each Year.

ARTICLES IMPORTED.	1875.	1876.	1877.	1878.
Silk and Dress Goods.....	\$ 13,639,307	\$ 12,707,102	\$ 11,977,135	\$ 12,085,18
Stanns.....	107,501	41,403	26,735	50,209
Crapes.....	47,896	504,277	397,905	383,621
Pongees.....	10,130	2,617	394	
Plushes.....	125,722	85,668	73,711	102,728
Velvets.....	1,151,427	1,384,450	1,049,303	1,524,329
Ribbons.....	2,984,721	2,837,747	1,689,413	1,861,369
Laces.....	1,030,055	1,248,740	1,158,689	935,974
Embroideries.....	2,030	5,611	3,519	
Shawls.....	71,931	5,831	11,391	3,519
Gloves.....	46,622	29,812	41,189	12,094
Cravats.....	411,659	50,271	55,717	103,194
Handkerchiefs.....	117,368	46,994	49,932	49,184
Manillas.....	573	573	573	
Vestings.....	3,603	2,427	2,427	
Hose.....	46,770	57,218	34,128	43,955
Sweaters.....	11,367	16,537	81,764	51,904
Braids and Bindings.....	1,200,755	964,883	1,143,767	934,029
Silk and Worsted.....	421,791	165,614	136,194	136,721
Silk & Cotton and Silk & Linen.....	2,316,343	2,045,130	1,995,733	2,008,997
Totals.....	\$23,168,118	\$21,192,386	\$19,952,741	\$20,407,796

Totals.....

For twenty years previous to 1873, (except two years of the war), we had imported an average of about thirty million dollars worth of Silk Goods in each year. In 1872 the importations had reached \$36,448,611. Meantime the Silk Industry here had been struggling for existence for nearly thirty years, and had at last won for itself a place. It 1872 it manufactured \$25,000,000 worth of goods, and in 1875 it first manufactured and marketed nearly two-fifths of the whole amount of Silk Goods consumed in this country, and it has held and increased its ascendancy ever since. It should be said in explanation of this statement, that the failure of imports of Silk Goods gives the values at the place of exportation, and in gold (though this makes no difference now); and there is to be added to these values, the freight and duty, and the importers' profit, to reach the market value. The duty ranges from 40 to 60 per cent., so that the importations represent a market value of more than thirty millions. Then, also, in the tablo of goods manufactured, the first four items enter into the values of the remaining items. The above efforts of Silk manufacturers abroad to hold our market, has made the struggle a very difficult one, but our manufacturers are gaining slowly. Sewing Silks are not now imported to any extent. We produce about two-thirds of the ribbons consumed, most of the dress trimmings and handkerchiefs, and a constantly increasing pro-

* Estimated by SILK Association.

EDUCATIONAL.

THE Educational condition of the United States, though not yet what we may hope it will be, is far in advance of that of any other nation. Some of the German States maintain a system of compulsory education, which ensures to every child a certain amount of intellectual training, but this is surrounded by such restrictions that it is not so beneficial to the youth of the State as our more free and practical system of education. In our country, up to the close of the late war, very few of the Southern States had any thorough system of primary education, and many of their secondary and higher schools, colleges and seminaries, were very superficial; but the last ten years has witnessed a great advance in these respects in those States, and the Northern States have made equally rapid progress.

The tables which follow, show that nearly 9,000,000 of our children—somewhat more than one-fifth of our entire population—are enrolled in our Public Schools; 246,654 in our secondary and special schools (these returns are so incomplete that they do not probably represent one-half of the actual number in attendance, the Catholic Secondary Schools reporting 242,000 children), the Universities and Colleges have 56,253 students, and the Scientific and Professional Schools 25,089, making a grand total of nearly 9,600,000 children and youth under instruction; more than 270,000 teachers are engaged in the work of instruction. For the purposes of this education, the investment in real estate, appliances for teaching, and libraries, is over \$314,000,000; the amount of vested and permanent funds (largely increased by benefactions, sales of land, etc., every year,) is more than \$127,500,000, and the annual income \$108,300,000. No nation in the world can make such an exhibit as this, but we may fairly hope that another decade will show one-fourth of our population under instruction, with greatly increased facilities. The reader will find, also, in the tables which follow, an account of the private benefactions made to education since 1870, and of the large libraries which have made such a rapid growth within the past few years.

STATISTICS OF THE PUBLIC SCHOOLS OF THE UNITFD STATES FOR 1876.

STATES AND TERRITORIES.	School Age.	School Population.	Number between 9 and 18 years of ago.	Number enrolled in Public Schools.	Average Daily At- tendance.	Average duration of School in days.	Number of Teachers em- ployed in Public School.	
							Male.	Female.
Alabama.....	5 to 21	406,270	284,389	147,340	110,253	86.5	2,702	1,297
Arkansas.....	6..21	184,692	138,519	73,878	42,680	....	1,582	740
California.....	5..17	171,563	154,406	130,930	78,027	149.0	1,033	1,660
Colorado.....	5..21	23,275	16,292	12,552	7,343	116.0	172	205
Connecticut.....	4..16	134,976	112,480	120,189	68,993	176.0	721	2,324
Delaware.....	5..21	47,825	35,878	19,881	....	140.0	(4)	(30)
Florida.....	6..21	94,522	70,891	32,371	28,306	132.0	(7)	(96)
Georgia.....	6..18	394,037	354,633	156,394	96,680	....	
Illinois.....	6..21	958,003	718,502	687,446	....	9.288	12,330	
Indiana.....	6..21	667,711	530,783	502,362	300,743	120.0	7,670	5,463
Iowa.....	5..21	533,903	341,713	384,012	....	136.0	6,500	11,645
Kansas.....	5..21	199,986	129,331	142,606	85,580	102.0	2,484	2,899
Kentucky.....	6..20	437,100	349,680	228,000	159,000	100.0	4,236	1,732
Louisiana.....	6..21	274,688	206,016	74,846	....	797	760	
Maine.....	4..21	221,477	143,960	157,323	100,641	117.0	1,984	4,475
Maryland.....	5..20	276,120	207,090	142,992	(9,259	187.0	1,129	1,594
Massachusetts.....	5..15	294,708	204,708	302,118	216,861	177.0	1,169	8,047
Michigan.....	5..20	418,784	336,588	343,619	200,000	138.0	3,285	9,182
Minnesota.....	5..21	218,641	153,048	130,280	71,292	130.0	1,372	1,591
Mississippi.....	5..21	318,459	222,921	168,217	106,894	140.0	2,989	1,979
Missouri.....	5..21	738,431	516,901	394,760	192,904	99.0	5,904	3,747
Nebraska.....	5..21	80,122	56,085	55,423	....	96.0	1,504	1,587
Nevada.....	6..18	6,315	5,683	4,811	2,884	....	35	80
New Hampshire.....	4..21	76,272	55,865	68,751	43,388	100.0	503	3,160
New Jersey.....	5..18	312,694	265,790	191,731	98,089	194.0	946	2,307
New York.....	5..21	1,583,064	1,108,144	1,059,238	531,835	176.0	7,428	22,585
North Carolina.....	6..21	348,603	261,452	146,737	97,830	50.0	(2)	(690)
Ohio.....	6..21	1,017,726	757,138	712,129	435,349	140.0	12,306	10,186
Oregon.....	4..20	44,661	31,262	21,518	....	105.5	496	457
Pennsylvania.....	6..21	1,222,697	917,031	890,073	551,848	151.0	8,585	11,295
Rhode Island.....	5..15	53,316	48,321	38,554	26,163	178.0	195	861
South Carolina.....	6..16	239,264	239,264	110,416	....	100.0	1,773	1,083
Tennessee.....	6..18	426,612	383,950	199,058	136,805	100.0	3,125	1,045
Texas.....	6..18	313,061	281,754	184,705	125,224	78.0	(4)	(30)
Vermont.....	5..20	89,541	67,155	78,139	50,023	111.0	667	3,739
Virginia.....	5..21	482,789	307,230	184,486	103,927	112.0	2,711	1,551
West Virginia.....	6..21	179,897	134,922	115,300	79,002	92.5	2,677	734
Wisconsin.....	4..20	461,829	323,280	279,854	....	149.0	(9,	(451)
Totals.....		13,981,634	10,533,055	8,693,289			(247,	468)
Arizona.....	6..21	2,508	1,881	568	419	180.	6	8
Dakota.....	5..21	8,343	5,840	4,428	....	54	154	
Dist. of Columbia.....	6..17	31,671	29,133	18,755	13,494	191.0	22	271
Idaho.....	5..21	4,020	2,814	3,270	....		
Montana.....	4..21	3,822	2,250	2,215	1,710	92.0	43	56
New Mexico.....	7..18	29,312	28,984	5,151	....	132.0	132	15
Utah.....	4..16	35,696	29,747	19,278	13,462	140.0	220	238
Washington.....	4..21	8,350	5,427	6,699	....	70.0	(2)	(20)
Wyoming.....	5..20	1,093	845	1,232	....	7	7	16
Indian.....	6..16	....	....	3,754	....	....	....	....
Total		124,817	106,921	77,922			(1,	839)
Grand Totals.....		14,108,451	10,639,976	8,771,211			(249,	307)

* So many of the States do not return the average daily attendance, that the total footings are of no value, and are omitted.

STATISTICS OF THE PUBLIC SCHOOLS OF THE UNITED STATES, JAN., 1876.

STATES AND TERRITORIES.	Average Monthly Salary of Teachers.		Annual Expenditures of Public Schools.						
	Male.	Female.	Annual Income of the Public Schools		Sites, Buildings, Libraries, Furniture and apparatus.	Salaries of Superintendents.	Salaries of Teachers.	Miscellaneous.	Total Expenditures.
Alabama.....	\$37.20		\$553,014	\$100	34,187	\$489,492			523,779
Arkansas.....			789,536	54,912	24,100	259,747			750,000
California.....	84.93	68.01	3,390,359	465,955	43,622	1,810,479	381,803	2,701,863	
Colorado.....	60.00	48.00	254,679	76,215	7,500	102,783	31,815	218,313	
Connecticut.....	70.05	37.35	1,592,749	220,942	20,000	1,057,242	254,399	1,552,583	
Delaware.....	(28.00)		192,735						
Florida.....	50.00	30.00	188,952		15,600				107,724
Georgia.....			435,319						
Illinois.....	48.21	33.32	8,268,540	1,090,574		5,326,780	971,854	8,268,540	
Indiana.....	65.00	40.00	5,041,517	700,000	50,000	2,830,747	949,457	4,530,204	
Iowa.....	36.68	28.33	5,035,408	1,114,68		2,598,440	892,626	4,605,749	
Kansas.....	33.98	27.25	1,042,298	182,886	34,100	689,907	113,208	1,020,101	
Kentucky.....	(49.40)		1,438,436	111,406					1,550,452
Louisiana.....	37.00	37.00	699,605	60,182	24,000	573,144	42,339	699,665	
Maine.....	37.00	18.00	1,313,303	110,725	29,668	1,046,766	126,144	1,313,303	
Maryland.....	41.73	41.73	1,376,046	272,539	25,440	1,035,755	307,313	1,641,047	
Massachusetts.....	88.37	35.35	6,410,514	1,533,142					7,000,000
Michigan.....	51.29	28.19	4,173,551	571,109		1,950,928	994,745	3,516,7-2	
Minnesota.....	41.36	28.91	1,861,158	208,030		702,662	247,755	1,158,447	
Mississippi.....	55.47	55.47	1,110,248	55,000	48,650	856,950	80,000	1,040,600	
Missouri.....	38.00	29.50	3,013,595						3,000,000
Nebraska.....	38.60	33.10	292,475	372,406	18,916	414,827	167,039	928,188	
Nevada.....	(100.56)		146,181	22,723		83,548	18,030	124,301	
New Hampshire.....	42.61	25.54	621,649	264,244		434,889	51,721	742,854	
New Jersey.....	67.65	37.75	2,311,465	543,619	28,770	1,731,816	30,780	2,340,985	
New York.....	(58.36)		11,601,256	2,121,927		7,849,667	1,569,662	11,601,256	
North Carolina.....	30.00	25.00	500,000	15,100		158,129	8,445	300,000	
Ohio.....	60.00	44.00	8,711,411	1,313,515	158,773	4,787,964	1,301,704	7,651,956	
Oregon.....	51.45	45.50	204,760	3,125	2,000				215,707
Pennsylvania.....	41.07	34.09	8,798,816	2,059,465	106,050	4,640,825	2,557,587	9,363,927	
Rhode Island.....	58.18	46.17	761,796	273,835	11,681	383,284	77,059	764,643	
South Carolina.....	31.64	29.21	489,542	22,922		369,685	31,554	426,461	
Tennessee.....	30.5	30.85	740,316	44,406	19,385	582,918	42,420	703,358	
Texas.....	(53.00)		244,870	60,081	9,233	630,334	26,5-8	726,236	
Vermont.....	45.62	25.65	516,252	89,789	12,643	440,536	82,089	625,057	
Virginia.....	33.52	28.71	1,215,353	97,278	48,668	726,300	151,150	1,023,396	
West Virginia.....	35.03	30.77	753,477	123,844	2,500	541,359	47,457	715,160	
Wisconsin.....	50.83	33.28	2,308,187	371,496	50,000	1,350,884	241,777	2,066,375	
Totals.....			88,399,237	14,710,475	825,486	46,448,787	11,893,524	5,526,913	
Arizona.....	100.00	100.00	28,759						24,151
Dakota.....	35.00	25.00	32,602	9,985		18,046	4,572	32,603	
Dist. of Columbia.....	115.00	75.00	517,610	61,123	9,520	209,368	86,568	366,579	
Idaho.....	55.00	55.00	22,497						17,20
Montana.....	65.00	57.00	31,821	28,726	4,500	33,921			67,147
New Mexico.....			25,473			15,432	3,458	18,890	
Utah.....	47.00	23.00	130,799	49,563	3,450	130,800			133,813
Washington.....						54,720			54,720
Wyoming.....						16,400			16,400
Indian.....			99,929						99,000
Total			889,490	149,402	17,470	578,687	94,598	886,503	
Grand Totals.....			89,988,727	14,850,877	842,956	47,027,474	11,988,192	86,407,440	

STATISTICS OF THE PUBLIC SCHOOLS OF THE UNITED STATES, JAN., 1876.

STATES AND TERRITORIES.	Number of School-Houses.	Estimated value of sites, buildings and all other School Property.	Amount of Permanent School Fund.	Expenditure in the year per capita of the School population.	Expenditure in the year per capita of pupils enrolled in the Public Schools.	Expenditure in the year per capita of average attendance on the Public Schools.	Amount of benefic- tion for educational purposes reported as having been made during the year 1875.
Alabama.....	3,898		2,006,250				\$2,825
Arkansas.....	2,134	355,000	1,222,500	\$4.06	\$10.15	\$17.57	5,680
California.....	2,190	5,068,673	1,737,500		17.09	25.82	13,000
Colorado.....	173	474,003		9.38	17.39	29.73	1,300
Connecticut.....	1,636		2,807,697	11.80	12.92	22.50	34,750
Delaware.....	369		470,000				10,000
Florida.....	796		225,000	1.99	5.83	6.69	500
Georgia.....	3,669			1.10	2.78	4.50	66,113
Illinois.....	11,451	19,876,708	7,860,554				388,434
Indiana.....	9,307	10,870,333	8,799,192	6.78	9.01	15.06	51,600
Iowa.....	9,528	8,617,951	3,363,961	6.75	9.38	15.99	174,859
Kansas.....	3,715	4,140,090	1,163,000	4.28	5.93	9.99	3,200
Kentucky.....	4,894	1,634,000	1,327,000				26,495
Louisiana.....	1,032	896,100	400,000	2.45	9.40		12,809
Maine.....	4,180	3,019,549	400,558	5.41	7.68	12.01	307,800
Maryland.....	1,846		350,370	5.01	9.68	19.99	8,500
Massachusetts.....	5,551	20,856,777	2,000,000	22.00	20.00	30.00	247,399
Michigan.....	5,702	9,315,894	3,977,269	6.67	11.97	14.97	32,342
Minnesota.....	3,085	2,808,156	3,200,000	5.74	9.29	16.98	13,967
Mississippi.....	2,275	1,000,000	1,068,359	2.84	5.38	6.83	21,000
Missouri.....	7,325	6,771,163	7,248,335				184,455
Nebraska.....	1,805	1,48,233	1,218,288	7.76	11.42		
Nevada.....	115	121,011					
New Hampshire.....	2,293	2,258,000	500,000	6.57	7.31	10.41	473,760
New Jersey.....	2,948	6,287,267	800,000	5.85	9.55	17.97	324,961
New York.....	11,781	20,928,626	3,080,108				410,421
North Carolina.....	4,029		2,187,564				33,550
Ohio.....	11,834	19,876,504	3,646,713	7.76	10.57	17.29	181,030
Oregon.....	859	359,000	1,314,000				3,175
Pennsylvania.....	17,062	24,260,789					810,672
Rhode Island.....	739	2,360,017	263,143	9.37	12.96	19.09	16,945
South Carolina.....	2,347	313,289	4,19,543	1.78	3.6		17,925
Tennessee.....	3,125		2,512,500	1.64	3.53	5.14	42,187
Texas.....	3,898	173,508	2,631,073				7,550
Vermont.....	2,800	1,339,864		7.04	8.89	12.60	25,075
Virginia.....	3,885	757,181	1,050,000	1.93	5.05	8.96	91,012
West Virginia.....	3,245	1,603,627	290,000	2.92	4.63	7.19	15,000
Wisconsin.....	5,260	4,979,169	2,624,340	3.64	6.05		40,300
Totals.....	162,951	192,193,593	72,681,517				
Arizona.....	11	20,000		9.62	42.41	57.66	
Dakota.....	296	24,926		3.02	7.36		
Dist. of Columbia.....	47	1,114,162		11.57	19.51	27.16	6,500
Idaho.....	53						
Montana.....	76	60,000		8.42	14.36	18.60	
New Mexico.....	138						500
Utah.....	296	438,665		5.15	9.53	13.60	6,671
Washington.....	219						2,400
Wyoming.....	13	32,500					
Indian.....	163						2,000
Total.....	1,312	1,690,253					
Grand Totals.....	164,963	193,883,851					4,126,502

[†] Nominal, not much over 3 per cent. now available. : The benefaction to education in 1874 were \$6,053,304; in 1873, \$11,226,977; in 1872, \$9,957,494; in 1871, \$8,435,990; making a total in five years of \$39,800,327.

In 1876 there were 3,632 Public Libraries in the U. S., with 12,276,964 volumes. 201 contained over 10,000 volumes each; 73 over 20,000; 52 over 32,000; 29 over 40,000, and 19 over 50,000 volumes. The largest are: Library of Congress, 300,000; Boston Public Library, 198,869; Harvard University, 227,650; Astor, 152,446; Mercantile, N. Y., 160,613; Mercantile, Philadelphia, 125,163; House of Representatives, Washington, 125,000; Yale College, 114,200; Boston Athenaeum, 205,000; Phila. Lib. Co., 101,000; N. Y. State, at Albany, 95,000, and several others rapidly approaching 100,000. Permanent endowment funds, about \$15,000,000. Amount invested in buildings, grounds, books, manuscripts &c., \$40,000,000, at least. Amount invested in Academies of Design, Art Collections, Archaeology, Natural History and Science (of which there are nearly 120), aggregates from \$15,000,000 to \$10,000,000.

SECONDARY INSTRUCTION.

After our Public Schools, of which we have given such full statistics in the preceding tables, some schools of secondary or superior instruction, which under a variety of names, form the connecting links between the public school and the college or university. Some of these are private schools but somewhat permanent in character; they may be schools for boys, or for girls, or both; others rank as academies, high schools or seminaries; others still, are preparatory schools for the college course; others still as schools of superior instruction for women, Female Seminaries, Colleges, Academies, or Collegiate Institutes. Still another class, are Commercial or Business Colleges. There are also Normal Schools or Colleges, sometimes private, sometimes State or City institutions, intended for training teachers—and schools of special instruction for deaf mutes, blind, feeble minded, orphans and juvenile offenders. The character of these schools is so diverse that we cannot bring them under a table, showing the number in each State, but we give below the aggregate number of each class in the entire country, with such particulars as can be collected concerning them, premising that a considerable number are not reported in any year.

CLASSES OF SCHOOLS.	No. Schools in U.S.	No. Male Teachers	No. Fem. Teachers	Total Number of Pupils.	No. Male Pupils.	No. Female Pupils.	Value of Buildings, Grounds and Apparatus.	Amount of Productive Endowment.	Income from productive Endowment of State Appropriation.	Income from all Sources.	No. of Volumes in Library.
Schools & Acad. Boys.	215	830	1,522	15,793	15,676	117	\$7,268,600	\$890,850	\$23,118	\$1,144,632	114,816
Schools & Acad. Girls.	311	510	1,943	22,375	45	21,918	6,175,605	35,550	4,735	900,125	122,815
Schools, Boys & Girls.	617	1,239	1,407	70,067	33,978	33,090	12,193,312	2,315,513	214,232	1,255,166	2,031,316
Preparatory Schools.	1,222	(7)	(46)	12,551	(12)	(54)	4,815,257	1,062,593	72,782	450,776	86,188
Schools, Acad. Sem. Col. & Col. Ins. for superior Instruction of women.	222	585	1,592	23,975	—	23,975	10,835,100	778,650	60,699	1,259,411	217,023
Normal Schools & Col. Com. & Business Col.	137	(1,031)	(1)	29,105	12,921	16,181	—	—	—	68,4071	96,103
Kindergarten.....	131	(5,94)	(2)	20,166	(23)	(10)	—	—	—	—	19,673
SPECIAL INSTRUCTION—	95	(2,10)	—	2,839	(2)	(809)	—	—	—	—	—
Schools for Deaf Mutes	41	(2,94)	—	5,087	2,795	2,292	6,136,815	—	1,049,523	1,144,044	29,640
Schools for the Blind.	29	(4,98)	—	2,051	(2)	(54)	3,893,467	—	551,780	866,411	11,198
Schools, feeble minded, Idiotic, &c.	9	(3,171)	—	3,372	816	556	—	—	—	242,514	—
Reform Schools.	47	357	311	10,670	6,111	2,559	—	—	Earnings	1,145,315	—
Orphan Asylums, Soldier's Or. Homes, Infant Asylums & Indus. Schools	207	(1,328)	—	24,584	10,656	13,928	—	—	—	3,035,453	4,020
Grand Totals.	2,163	(14,063)	—	240,654	(246,	654)	51,288,106	5,83,185	2,261,202	12,132,913	145,071

IV. SCIENTIFIC AND PROFESSIONAL SCHOOLS.

There still remains, to complete our summary review of the Educational institutions of this country, some account of the Scientific and Professional Schools or Institutions of the United States. The Scientific Schools are of two classes. Those organized under the law making grants of land to Agricultural Colleges, and receiving the avails of these grants, and those not receiving these avails, but endowed by State or private munificence. The Theological Seminaries and institutions can be classed under a single head, though some of them are connected with Colleges or Universities, and others are independent of these; some have a course of classical study, and others are confined to theological studies exclusively. The Law Schools come under a single head, but the Medical Schools are divided into Regular, Homoeopathic and Eclectic, and the Dental and Pharmaceutical Schools are also classed with them. We give herewith such statistics as can be obtained of all these Scientific and Professional Schools.

CLASSES OF SCHOOLS OR INSTITUTIONS IN UNITED STATES.	Number of Schools.	Number of Teachers or Instructors.	Whole Number of Students.	Number of Male Students.	Number of Female Students.	No. in Fregeal Academy or Partial Course.	No. in Scientific or Professional Course.	Value of Buildings, Grounds, & Apparatus, &c.	Amount of Productive Endowment.	Income from Productive Endowment.	Income from all Sources.	Number of Scholarships.	Volumes in Library.
I. SCIENTIFIC SCHOOLS													
A—Schools endowed from Agricultural grant	45	539	4,919	(4,919)	946	3,971	—	6,042,105	5,591,128	403,975	642,345	1,250	93,600
B—Not thus endowed	31	219	2,238	(2,238)	611	1,629	—	1,820,034	1,617,733	118,166	228,338	216	60,198
II. THEORETICAL SCH'LS	123	615	5,234	5,234	—	—	—	6,368,117	6,415,601	632,519	—	—	599,177
III. LAW SCH'LS....	43	224	2,677	(2,677)	—	—	—	45,004	68,201	17,695	70,639	—	52,311
IV. MEDICAL SCH'LS													
A—Regular Practice.	65	809	7,518	(7,518)	—	—	—	2,477,036	160,266	12,671	308,721	—	67,398
B—Homoeopathic....	11	136	664	(664)	—	—	—	480,401	60,000	8,100	46,174	—	4,180
C—Eclectic.....	4	26	398	(398)	—	—	—	216,000	—	—	25,428	—	1,400
Dental Schools.....	12	135	469	(469)	—	—	—	68,000	—	—	49,238	—	1,513
Schools of Pharmacy....	14	56	922	(922)	—	—	—	111,750	30,550	8,205	26,511	—	7,760
Totals.	246	2,769	25,039	(25,039)	1,557	5,600	19,409,354	15,842,479	1,111,331	1,287,394	—	77,438	

In most of the Theological Schools, the tuition is provided for by endowment and is free. The Scholarships of the Scientific Schools cover the tuition; there are also free scholarships in some of the Medical Schools—usually the result of State grants.

STATISTICS OF UNIVERSITIES AND COLLEGES IN THE UNITED STATES IN 1876.

UNIVERSITIES AND COLLEGES.

45

STATES.	Preparatory Department		Collegiate Departments.		Amount of P. P. Funds.	Income from Gratuities and Apparatus.	Amount of P. P. Funds.	Amount of Scholarships Funds.	Number of Videlicet Librarians.
	Whole Number of Students	Whole Number of Teachers.	Students not in Classes or Institutes	Students in Institutes					
Alabama.....	49	304	1	25	131	48	148	81,000	14,300
Arkansas.....	4	16	1	150	81	62	21,150	4,000	4,000
California.....	13	179	233	11	68	227	162	8,400	46,025
Connecticut.....	3	57	57	1	67	67	568	6,015	14,000
Delaware.....	2	7	69	1	31	21	52	836	66,000
Georgia.....	6	47	74	1	274	81	438	7,000	7,260
Illinois.....	25	312	4,765	45	2,206	842	150	53,000	35,900
Indiana.....	19	189	3,654	52	1,434	406	195	114,923	112,513
Iowa.....	18	223	3,854	52	1,800	1,139	200	1,087,000	112,317
Kansas.....	6	41	417	5	151	151	67	138,183	48,750
Louisiana.....	14	166	1,553	13	159	166	166	133,662	38,012
Maine.....	6	45	555	3	196	95	42	29,000	7,748
Maryland.....	3	52	383	2	45	3	30	35,555	10,000
Massachusetts.....	8	125	917	37	347	18	88	62,145	21,500
Michigan.....	7	12	1,793	5	21	21	29	412,000	30,000
Minnesota.....	8	115	2,141	21	737	673	94	610,232	47,377
Mississippi.....	3	41	485	3	16	17	41	169,063	15,300
Missouri.....	4	31	863	6	151	35	75	222	40,158
Nebraska.....	20	251	2,616	2	1,555	601	27	310,537	98,100
Nevada.....	3	2	3,261	1	164	66	21	61,330	11,455
New Hampshire.....	1	1	31	1	15	16	21	2,261	2,261
New Jersey.....	4	51	27	357	1	27	57	23,000	3,255
New York.....	48	562	8,5	3	531	53	52	1,000,000	57,500
North Carolina.....	7	5	5,629	75	2,29	513	83	411	59,414
Ohio.....	23	2,9	5,224	3	513	1,604	106	50	40,352
Oregon.....	39	127	3,39	10	429	33	32	39,000	5,000
Pennsylvania.....	29	34	4,124	45	1,81	243	310	2,311	157,000
Rhode Island.....	1	15	255	0	0	6	15	1,50,000	15,000
South Carolina.....	6	40	673	4	122	1,76	186	357	48,100
Tennessee.....	21	171	2,622	31	1,776	235	186	1,327,500	48,100
Texas.....	12	85	1,715	24	6,16	434	62	492	48,100
Vermont.....	3	22	194	0	10	19	22	1,20,000	21,000
Virginia.....	8	82	1,117	5	158	1,117	5	1,24,400	16,561
West Virginia.....	8	27	353	3	141	141	7	25,000	3,200
Wisconsin.....	10	133	2,121	3	1,027	552	58	133,125	32,200
District of Columbia.....	4	51	4,1	9	58	93	4	420,000	58,856
New Mexico.....	1	8	201	4	172	119	4	13,500	2,204
Washington Territory.....	1	3	5	5	5	5	3	1,50	503
Total.....	555	4,077	56,253	613	22,085	7,78	2,365	3,388	2,256,111

DENOMINATIONS & SECTS.

			Archbishops Bis., Supts. &c
			Clergymen.
			Dioc's, Syn'c Conf. Classes Associations Presbyt's, &c
			Churches, Congregations and Parishes
			Church Edi- fices.
			Number of Sittings.
Roman Catholico.	5,548	67	3,178,420
Methodist Episcopal Church	11,1303	94	3,070,000
Do	7	3,721	6,078,000
United Brethren in Christ	3	1,932	267,472,450
Other Methodists, incl. Col'd	25	6,405	17,337
Free-Will, or Free Baptists	1,307	41	10,367
Regal or Baptists	14,954	1,075	4,183,754
Disciples	2,371	.....	1,780,427
Menn's, Tunkers, Winesb'ns	3,698	.....	1,487,177
7 Day's, Prince & other Baptists	709	.....	6,082,296
Presbyterian Ch. Un. Gen. Ass'n	4,501	75	7,231
Presbyterian Church South	1,117	77	4,078
Rein'd Presbyterians, 4 Sects	306	.....	11,909
United Presbyterians	647	65	5,329
Cumberland Presbyterians	1,312	112	503,400
Ref'd Ch. in U. S., later Ger	35	2,347	2,421,873
Ref'd in Jn. in Am. later Dutch	543	41	5,198
Congregationalists	3,496	49	1,529
Protestant Episcopal Church	63	3,204	3,873
Reformed Episcopal Church	4	64	3,602
Lutherans	2,975	59	2,907
United Brethren — Moravians	5	98	1,000
Unitarians	401	39	358
Christian Connectn, 3 Sects	1,271	78	461
Universalists	711	12	1,258
Friends—Orthodox	8	542	821
Friends—Hicksite & Progress	.....	518	156,000
New Jerse, or Swedenborgian	81	16	4,582
Jews	185	.....	4,610
Mormons	155	75	220
Spiritualists	310	.....	190
Minor Sects not included above	.....	425	95
Dist. At the N. Rad. or Liberal	.....	.....	18,000
			50,000
			63,200
			150,000

The above table has been prepared with great care, and in all cases from the latest authorities. The sittings where not given by the Church authorities, are calculated from the same ratios as the table of denominations in the United States Census, which I on my observation has proved to be more nearly accurate, than that of 5 to 1 usually employed. The only exceptions to this ratio, are those made for reasons which are obvious to all, are the Roman Catholic, the Jews, Mormons, and a few minor sects grouped together. In all these the members in full communion, or openly declared such, constitute a very large proportion of those who adhere to them—usually at least one half. The increase in the amount and value of Church property has been very great within the past ten years; and the recent decline in value of real estate has been in most cases more than made good by the erection of new churches and parishes. It will be seen that the present estimated value is nearly \$47,000,000.

RELIGIOUS STATISTICS OF THE UNITED STATES IN 1878-9.

DENOMINATIONS & SECTS.

Archbishops
Bis., Supts. &c

Clergymen.

Dioc's, Syn'c
Conf. Classes
Associations
Presbyt's, &cChurches,
Congregations
and ParishesChurch Edi-
fices.Number of
Sittings.Communic-
ants, or Mem-
bers of Chur-
ches, Cong's,
or Parish's.Adherent
Population.Value of
Church
Property.Contribut'ns for
Benevolent and
Church Pur-
poses.Additions to
Church Member-
ship with
in the Year.Sun-day
Schools.Sunday
School
Teachers &
Scholars.Denomina'tl
Acad's, S'ch's
& Seminar's.Univ's, Coll'g's
& Theolog. Sem's
of D. nom's.Newsp'rs &
Periodic'l's on
Denom'n's

CENSUS OF 1870.

POPULATION OF THE UNITED STATES.—GENERAL NATIVITY AND FOREIGN PARENTAGE.

[From the Report of the Superintendent of the Census.]

STATES AND TERRITORIES.	1870.			1860.		
	Total population.	Native born.	Foreign born.	Total population.	Native born.	Foreign born.
Total U. States.....	38,558,371	32,991,142	5,567,229	31,443,321	27,304,624	4,138,697
Total States.....	38,115,641	32,642,612	5,473,029	31,183,744	27,084,592	4,009,158
Alabama.....	996,992	987,030	9,962	964,201	951,849	12,372
Arkansas.....	484,471	479,445	5,026	435,450	431,850	3,640
California.....	560,247	550,416	209,831	379,994	233,466	146,528
Connecticut.....	537,454	423,815	113,639	460,147	379,451	80,696
Delaware.....	125,015	115,879	9,136	112,216	103,051	9,165
Florida.....	187,748	182,781	4,967	140,424	137,115	3,309
Georgia.....	1,184,109	1,172,982	11,127	1,057,286	1,045,615	11,671
Illinois.....	2,539,891	2,034,693	515,198	1,711,951	1,387,308	334,643
Indiana.....	1,680,637	1,539,163	141,474	1,350,428	1,232,144	118,284
Iowa.....	1,194,020	969,398	204,692	674,913	568,836	106,077
Kansas.....	364,399	316,007	48,392	107,206	94,515	12,691
Kentucky.....	1,321,011	1,257,613	63,388	1,155,684	1,095,885	59,799
Louisiana.....	726,915	665,083	61,827	708,002	627,027	80,975
Maine.....	626,915	578,034	48,881	628,279	590,826	37,453
Maryland.....	720,894	697,482	83,412	687,049	609,520	77,529
Massachusetts.....	1,457,351	1,104,032	353,319	1,231,066	970,960	260,106
Michigan.....	1,184,059	916,049	268,010	749,113	600,020	149,092
Minnesota.....	439,706	279,000	160,697	172,023	113,295	58,723
Mississippi.....	827,922	816,731	11,191	701,305	782,747	8,558
Missouri.....	1,721,295	1,199,028	222,267	1,182,012	1,021,471	160,341
Nebraska.....	122,993	92,245	30,748	28,841	22,490	6,351
Nevada.....	42,491	23,690	18,801	6,857	4,793	2,064
New Hampshire.....	318,300	288,689	29,611	326,073	305,135	20,938
New Jersey.....	906,096	717,153	188,943	672,035	549,245	122,790
New York.....	4,382,759	3,244,406	1,138,353	3,880,735	2,879,455	1,001,280
North Carolina.....	1,071,361	1,068,332	3,029	992,622	969,324	3,298
Ohio.....	2,665,260	2,292,767	372,493	2,339,511	2,011,262	328,249
Oregon.....	90,923	79,323	11,600	52,465	47,345	5,123
Pennsylvania.....	3,521,911	2,976,642	545,393	2,906,215	2,475,710	430,505
Rhode Island.....	217,353	161,957	55,396	174,620	137,226	37,394
South Carolina.....	703,606	697,532	8,074	703,708	693,722	9,986
Tennessee.....	1,258,520	1,220,204	19,316	1,109,801	1,058,575	21,226
Texas.....	818,579	756,168	62,411	604,215	560,743	43,432
Vermont.....	330,551	283,396	47,155	315,098	282,355	32,743
Virginia.....	1,225,163	1,211,409	13,754	1,219,630	1,201,117	18,513
West Virginia.....	442,214	424,231	17,091	376,688	360,143	16,545
Wisconsin.....	1,054,070	690,171	364,499	775,881	498,954	270,927
Total Territories.....	442,730	348,530	94,200	259,757	220,032	39,545
Arizona.....	9,658	3,840	5,809	-----	-----	-----
Colorado.....	39,864	31,265	6,599	34,277	31,611	2,666
Dakota.....	14,181	9,366	4,815	4,837	3,063	1,774
Dist. of Columbia.....	131,700	115,446	16,254	75,080	62,596	12,484
Idaho.....	14,999	7,114	7,885	-----	-----	-----
Montana.....	20,595	12,616	7,979	-----	-----	-----
New Mexico.....	91,874	86,254	5,620	93,516	86,793	6,723
Utah.....	86,786	56,084	30,702	40,273	27,519	12,754
Washington.....	23,955	18,931	5,024	11,594	8,450	3,144
Wyoming.....	9,118	5,605	3,513	-----	-----	-----

POPULATION OF ALL THE CITIES OF THE UNITED STATES.

This table has been carefully compiled from the census (official copy) of 1870. It embraces all the cities returned as such, with a few that appear to have been omitted as cities distinctively.

STATES AND CITIES.	Total Population.	STATES AND CITIES.	Total Population.	STATES AND CITIES.	Total Population.
<i>Alabama.</i>		<i>Illinois.—cont'd.</i>		<i>Iowa—continued.</i>	
Eufaula.....	3,185	Decatur.....	7,161	Independence	2,945
Huntsville.....	4,907	Dixon.....	4,055	Iowa City.....	5,914
Mobile.....	32,034	Elgin.....	5,441	Keokuk.....	12,766
Montgomery.....	10,588	El Paso.....	1,564	Lyons.....	4,088
Selma.....	6,484	Freeport.....	7,889	Maquoketa.....	1,756
Talladega.....	1,933	Galena.....	7,019	Marshalltown.....	3,219
Tuscaloosa.....	1,629	Galesburg.....	10,158	McGregor.....	2,074
Tuscumbia.....	1,214	Jacksonville.....	9,203	Muscatine.....	6,718
Total.....	62,034	Joliet.....	7,263	Oskaloosa.....	3,204
<i>Arkansas.</i>		La Salle.....	5,200	Ottumwa.....	5,214
Little Rock.....	12,380	Litchfield.....	3,852	Sioux City.....	3,401
<i>California.</i>		Macomb.....	2,748	Waterloo.....	4,337
Los Angeles.....	5,728	Mendota.....	3,546	Waverley.....	2,291
Marysville.....	4,738	Monmouth.....	4,602	Winterset.....	1,485
Oakland.....	10,500	Morris.....	3,138	Total.....	160,630
Sacramento.....	16,283	Mound City.....	1,631	<i>Kansas.</i>	
San Diego.....	2,300	Mt. Carmel.....	1,640	Atchison.....	7,054
San Francisco.....	149,473	Olney.....	2,680	Baxter Springs.....	1,284
San Jose.....	9,089	Ottawa.....	7,736	Emporia.....	2,168
Stockton.....	10,066	Pekin.....	5,696	Fort Scott.....	4,147
Total.....	208,177	Peoria.....	22,849	Lawrence.....	8,320
<i>Connecticut.</i>		Pern.....	3,650	Leaveuworth.....	17,873
Bridgeport.....	18,969	Quincy.....	24,052	Ottawa.....	2,941
Hartford.....	37,180	Rockford.....	11,049	Paola.....	1,811
Middletown.....	6,923	Rock Island.....	7,890	Topeka.....	5,798
New Haven.....	50,840	Shelbyville.....	2,051	Wyandotte.....	2,940
Norwich.....	16,653	Springfield.....	17,364	Total.....	54,354
Waterbury.....	10,826	Sterling.....	2,998	<i>Kentucky.</i>	
Total.....	141,391	Watseca.....	1,551	Covington.....	24,503
<i>Colorado.</i>		Waukegan.....	4,507	Frankfort.....	5,330
Denver.....	4,759	Total.....	571,021	Henderson.....	4,111
<i>Delaware.</i>		<i>Indiana.</i>		Hopkinsville.....	3,135
Wilmington.....	30,841	Columbia.....	1,663	Lexington.....	14,801
<i>Dist. of Columbia.</i>		Connorsville.....	2,496	Louisville.....	100,753
Georgetown.....	11,384	Crawfordsville.....	3,701	Maysville.....	4,765
Washington.....	109,190	Evansville.....	21,830	Newport.....	15,057
Total.....	120,583	Fort Wayne.....	11,718	Owensboro.....	3,437
<i>Florida.</i>		Franklin City.....	2,707	Paducah.....	6,866
Jacksonville.....	6,912	Goshen.....	3,133	Paris.....	2,655
Pensacola.....	3,347	Greencastle.....	3,227	Total.....	185,513
St. Augustine.....	1,717	Indianapolis.....	48,244	<i>Louisiana.</i>	
Tallahassee.....	2,023	Jeffersonville.....	7,254	Baton Rouge.....	6,498
Total.....	13,999	Kendallville.....	2,164	Donaldsonville.....	1,573
<i>Georgia.</i>		Lafayette.....	13,506	New Orleans.....	191,418
Athens.....	4,251	Laporte.....	6,581	Shreveport.....	4,607
Atlanta.....	21,789	Lawrenceburg.....	2,139	Total.....	204,096
Augusta.....	15,389	Logansport.....	8,950	<i>Maine.</i>	
Columbus.....	7,401	Madison.....	10,709	Auburn.....	6,169
Macou.....	10,810	Michigan City.....	2,985	Angusta.....	7,808
Milledgeville.....	2,750	New Albany.....	15,396	Bangor.....	18,289
Rome.....	2,748	Pern.....	3,617	Bath.....	7,371
Savannah.....	28,225	Richmond.....	6,445	Belfast.....	5,278
Total.....	93,373	Seymour.....	2,372	Biddleford.....	10,282
<i>Idaho.</i>		Shellbyville.....	2,731	Calais.....	5,944
Boise City.....	995	South-Bend.....	7,206	Hallowell.....	3,007
Idaho City.....	889	Terre Haute.....	16,103	Lewiston.....	13,600
Silver City.....	599	Valparaiso.....	2,765	Portland.....	31,413
Total.....	2,483	Vincennes.....	5,440	Rockland.....	7,074
<i>Illinois.</i>		Wabash City.....	2,881	Total.....	116,236
Alton.....	8,665	Total.....	222,983	<i>Maryland.</i>	
Amboy.....	2,825	<i>Iowa.</i>		Annapolis.....	5,744
Anna.....	1,269	Burlington.....	14,930	Baltimore.....	267,354
Aurora.....	11,162	Cedar Falls.....	3,070	Frederick.....	8,526
Belleville.....	8,146	Cedar Rapids.....	5,940	Hagerstown.....	5,779
Bloomington.....	14,590	Clinton.....	6,120	Total.....	287,403
Bushnell.....	2,003	Council Bluffs.....	16,020	<i>Massachusetts.</i>	
Cairo.....	6,267	Davenport.....	20,038	Boston.....	250,526
Canton.....	3,308	Des Moines.....	12,035	Cambridge.....	33,634
Centralia.....	3,190	Dubuque.....	18,434	Charlestown.....	28,323
Champaign.....	4,625	Fairfield.....	2,226	Chelsea.....	18,547
Chicago.....	298,977	Fort Dodge.....	3,095	Fall River.....	26,766
Danville.....	4,751	Fort Madison.....	4,011	Haverhill.....	13,092
		Glewwood.....	1,291		

POPULATION OF ALL THE CITIES OF THE UNITED STATES.—Continued.

STATES AND CITIES.	Total Population.	STATES AND CITIES.	Total Population.	STATES AND CITIES.	Total Population.
<i>Mass.—continued.</i>		<i>Missouri—cont'd.</i>		<i>Ohio.</i>	
Lawrence	28,921	St. Louis	310,864	Akron	10,006
Lowell	40,928	Westport	1,095	Canton	8,600
Lynn	28,233	Total	401,963	Chillicothe	8,920
New Bedford	21,320	<i>Montana.</i>		Cincinnati	216,239
Newburyport	12,595	Helena	3,842	Circleville	5,407
Salem	24,117	Nebraska.		Cleveland	92,829
Springfield	26,703	Omaha	16,083	Columbus	31,274
Taunton	18,629	Nebraska City	6,050	Dayton	30,473
Worcester	41,105	Total	22,133	Fremont	5,455
Total	619,439	<i>Nevada.</i>		Gallipolis	3,711
<i>Michigan.</i>		Austin	1,324	Hamilton	11,081
Adrian	8,438	Carson City	3,042	Ironton	5,686
Ann Arbor	7,363	Virginia	7,048	Lancaster	4,725
Battle Creek	5,838	Total	11,414	Mansfield	8,029
Bay City	7,064	<i>New Hampshire.</i>		Marietta	5,218
Big Rapids	1,227	Concord	12,241	Massillon	5,185
Coldwater	4,381	Dover	9,294	Mt. Vernon	4,876
Cornwall	2,408	Manchester	23,536	Newark	6,698
Detroit	79,577	Nashua	10,543	Piqua	5,927
East Saginaw	11,350	Portsmouth	9,211	Pomeroy	5,884
Flint	5,386	Total	64,825	Portsmouth	10,592
Grand Haven	3,147	<i>New Jersey.</i>		Sandusky	13,000
Grand Rapids	16,507	Atlantic City	1,043	Springfield	12,652
Hillsdale	3,518	Brighton	6,830	Steubenville	8,107
Holland	2,319	Burlington	5,817	Tiffin	5,648
Jackson	11,447	Camden	20,045	Toledo	31,584
Lansing	5,241	Elizabeth	20,832	Urbania	4,276
Lapeer	1,772	Harrison	4,129	Warren	3,457
Manistee	3,343	Hoboken	20,297	Wooster	5,419
Marshall	4,925	Jersey City	82,546	Xenia	6,377
Mouree	5,986	Millville	6,101	Youngstown	8,075
Muskegon	6,002	Newark	105,059	Zanesville	10,011
Niles	4,630	New Brunswick	15,058	Total	595,461
Owasso	2,065	Orange	9,348	<i>Oregon.</i>	
Pontiac	4,867	Paterson	33,579	Oregon City	1,382
Port Huron	5,973	Plainfield	5,095	Portland	8,293
Saginaw	7,460	Princeton	2,798	Total	9,675
St. Clair	1,790	Rahway	6,258	<i>Pennsylvania.</i>	
Wyandotte	2,731	Trenton	22,874	Allegheny	53,180
Ypsilanti	5,471	Total	367,709	Allentown	13,884
Total	229,336	<i>New Mexico.</i>		Altoona	10,610
<i>Minnesota.</i>		Santa Fe	4,765	Carbondale	6,393
Duluth	3,131	<i>New York.</i>		Chester	9,485
Hastings	3,458	Albany	69,422	Columbia	6,461
Mankato	3,482	Auburn	17,225	Corry	6,809
Minneapolis	13,066	Binghamton	12,692	Erie	19,646
Owatonna	2,070	Brooklyn	396,099	Harrisburg	23,103
Red Wing	4,260	Buffalo	117,714	Lancaster	20,233
Rochester	3,953	Cohoes	15,357	Lock Haven	6,989
St. Anthony	5,013	Elmira	15,863	Meadville	7,103
St. Cloud	2,161	Hudson	8,615	Philadelphia	674,022
St. Paul	29,030	Lockport	12,426	Pittsburgh	80,076
Winona	7,192	Newburg	17,014	Reading	33,930
Total	67,816	New York	942,292	Scranton	35,094
<i>Mississippi.</i>		Ogdensburg	10,076	Titusville	8,639
Columbus	4,812	Oswego	20,910	Williamsport	16,030
Grenada	1,887	Poughkeepsie	20,080	York	11,003
Holly Springs	2,406	Rochester	62,386	Total	1,048,686
Jackson	4,234	Rome	11,000	<i>Rhode Island.</i>	
Macon	975	Schenectady	11,026	Newport	19,521
Natchez	9,057	Syracuse	43,051	Providence	68,964
Vicksburgh	12,443	Troy	46,465	Total	81,423
Total	35,814	Utica	28,804	<i>South Carolina.</i>	
<i>Missouri.</i>		Watertown	9,336	Charleston	48,956
Cape Girardeau	3,585	Total	1,887,853	Columbia	9,298
Chillicothe	3,978	<i>North Carolina.</i>		Total	58,254
Hamibal	10,125	Charlotte	4,473	<i>Tennessee.</i>	
Independence	3,184	Fayetteville	4,660	Chattanooga	6,093
Jefferson City	4,420	Newberne	5,849	Knoxville	8,682
Kansas City	22,260	Raleigh	7,790	Memphis	40,226
Louisiana	3,639	Wilmington	13,446	Nashville	25,865
Macon	3,678	Total	36,218	Total	80,866
St. Charles	5,570				
St. Joseph	19,565				

POPULATION OF ALL THE CITIES OF THE UNITED STATES.—Continued.

STATES AND CITIES.	Total Population.	STATES AND CITIES.	Total Population.	STATES AND CITIES.	Total Population.
<i>Texas.</i>		<i>Vermont.—cont'd.</i>		<i>Wisconsin.</i>	
Austin.....	4,428	Montpelier.....	3,023	Appleton.....	4,518
Brownsville.....	4,905	Rutland.....	9,834	Beaver Dam.....	3,265
Galveston.....	13,818	St. Albans.....	7,014	Beloit.....	4,396
Houston.....	9,382	St. Johnsbury.....	4,665	Fond du Lac.....	12,764
San Antonio.....	12,256	Total.....	49,443	Green Bay.....	4,666
Total.....	44,789	<i>Virginia.</i>		Janesville.....	8,789
<i>Utah.</i>		Alexandria.....	13,570	Kenosha.....	4,309
Logan.....	1,757	Fredericksburgh.....	4,046	La Crosse.....	7,785
Manti.....	1,239	Lynchburgh.....	6,825	Madison.....	9,176
Mt. Pleasant.....	1,346	Norfolk.....	19,229	Manitowoc.....	5,168
Ogden.....	3,127	Petersburgh.....	18,950	Milwaukee.....	71,446
Salt Lake City.....	12,854	Portsmouth.....	10,492	Oshkosh.....	12,663
Total.....	20,323	Richmond.....	51,038	Portage.....	3,945
<i>Vermont.</i>		Total.....	124,150	Racine.....	9,880
Bennington.....	2,501	<i>West Virginia.</i>		Sheboygan.....	5,310
Brattleboro.....	4,933	Parkersburg.....	5,546	Watertown.....	7,555
Burlington.....	14,387	Wheeling.....	19,280	Total.....	175,624
Middlebury.....	3,086	Total.....	24,826		

ORDER OF THE STATES IN POINT OF POPULATION, AT SEVERAL PERIODS.

1790.	1830.	1850.	1860.	1870.
1 Virginia.....	New York.....	New York.....	New York.....	New York.....
2 Massachusetts.....	Pennsylvania.....	Pennsylvania.....	Pennsylvania.....	Pennsylvania.....
3 Pennsylvania.....	Virginia.....	Ohio.....	Ohio.....	Ohio.....
4 North Carolina.....	Ohio.....	Virginia.....	Illinois.....	Illinois.....
5 New York.....	North Carolina.....	Tennessee.....	Virginia.....	Missouri.....
6 Maryland.....	Kentucky.....	Massachusetts.....	Indiana.....	Indiana.....
7 South Carolina.....	Tennessee.....	Indiana.....	Massachusetts.....	Massachusetts.....
8 Connecticut.....	Massachusetts.....	Kentucky.....	Missouri.....	Kentucky.....
9 New Jersey.....	South Carolina.....	Georgia.....	Tennessee.....	Tennessee.....
10 New Hampshire.....	Georgia.....	North Carolina.....	Kentucky.....	Virginia.....
11 Vermont.....	Maryland.....	Illinois.....	Georgia.....	Iowa.....
12 Georgia.....	Maine.....	Alabama.....	North Carolina.....	Georgia.....
13 Kentucky.....	Indiana.....	Missouri.....	Alabama.....	Michigan.....
14 Rhode Island.....	New Jersey.....	South Carolina.....	Mississippi.....	North Carolina.....
15 Delaware.....	Alabama.....	Mississippi.....	Wisconsin.....	Wisconsin.....
16 Tennessee.....	Connecticut.....	Maine.....	Michigan.....	Alabama.....
17.....	Vermont.....	Maryland.....	Maryland.....	New Jersey.....
18.....	New Hampshire.....	Louisiana.....	South Carolina.....	Mississippi.....
19.....	Louisiana.....	New Jersey.....	Iowa.....	Texas.....
20.....	Illinois.....	Michigan.....	New Jersey.....	Maryland.....
21.....	Missouri.....	Connecticut.....	Louisiana.....	Louisiana.....
22.....	Mississippi.....	New Hampshire.....	Maine.....	South Carolina.....
23.....	Rhode Island.....	Vermont.....	Texas.....	Maine.....
24.....	Delaware.....	Wisconsin.....	Connecticut.....	California.....
25.....	Florida.....	Texas.....	Arkansas.....	Connecticut.....
26.....	Michigan.....	Arkansas.....	California.....	Arkansas.....
27.....	Arkansas.....	Iowa.....	New Hampshire.....	West Virginia.....
28.....	.....	Rhode Island.....	Vermont.....	Kansas.....
29.....	.....	California.....	Rhode Island.....	Minnesota.....
30.....	.....	Delaware.....	Minnesota.....	Vermont.....
31.....	.....	Florida.....	Florida.....	New Hampshire.....
32.....	.....	Minnesota.....	Kansas.....	Rhode Island.....
33.....	.....	.....	Delaware.....	Florida.....
34.....	.....	.....	Oregon.....	Delaware.....
35.....	.....	.....	.....	Nebraska.....
36.....	.....	.....	.....	Oregon.....
37.....	.....	.....	.....	Nevada.....

ORDER OF TERRITORIES, 1870.

District of Columbia, New Mexico, Utah, Washington, Montana, Idaho, Dakotah,
Arizona, Wyoming. The census of Alaska has not been taken.

POPULATION OF STATES BY RACES.

	Whites.	Colored.	Indians.
Alabama	521,384	475,510	98
Arizona	9,581	26	31
Arkansas	362,115	122,169	89
*California	499,424	4,272	7,241
Colorado	39,221	456	180
Connecticut	527,449	9,668	239
Dakota	12,887	94	1,200
Delaware	102,221	22,734	
District of Columbia	88,278	43,404	15
Florida	96,057	91,689	2
Georgia	638,926	545,142	4
Idaho	10,618	60	47
Illinois	2,511,096	28,762	32
Indiana	1,655,537	24,560	240
Iowa	1,188,207	5,762	48
Kansas	346,377	17,108	914
Kentucky	1,098,692	222,210	108
Louisiana	362,065	364,210	569
Maine	624,809	1,606	499
Maryland	605,497	175,391	4
*Massachusetts	1,443,156	13,947	151
Michigan	1,167,282	11,849	4,926
Minnesota	438,257	759	690
Mississippi	382,896	444,201	809
Missouri	1,603,146	118,071	75
Montana	18,306	183	157
Nebraska	122,117	789	87
Nevada	38,050	357	23
New Hampshire	317,697	580	23
*New Jersey	875,407	30,658	16
New Mexico	90,393	172	1,309
New York	4,330,210	52,081	439
North Carolina	678,470	391,650	1,341
Ohio	2,601,946	63,213	100
Oregon	86,920	346	318
Pennsylvania	3,456,009	63,294	34
Rhode Island	212,219	4,980	154
South Carolina	289,667	415,814	124
Tennessee	936,119	322,331	70
Texas	564,700	253,475	379
Utah	86,044	118	175
Vermont	329,613	924	14
Virginia	712,089	512,841	229
Washington Territory	22,195	207	1,319
West Virginia	424,033	17,980	1
Wisconsin	1,051,351	2,113	1,206
Wyoming	8,726	183	66

* Japanese:—California, 33; Massachusetts, 10; New Jersey 10.

COMPARATIVE INCREASE OF POPULATION.

Census.	Population.	Increase, Per Cent.
1790	3,929,527	....
1800	5,305,937	35.02
1810	7,239,814	36.45
1820	9,638,191	33.13
1830	12,866,020	33.49
1840	17,069,453	32.67
1850	23,191,876	35.87
1860	31,445,030	35.58
1870	38,549,937	22.59

AREA OF THE UNITED STATES.

	Acres.
Total area of the Public Lands of the States and Territories	1,792,844,160
Total area of those States where there are no Public Lands	476,546,560
Area of Indian Territory	44,154,210
Area of District of Columbia	34,400
Grand total of area of the United States, in acres	2,311,583,360
or, Three Million Six Hundred Eleven Thousand Eight Hundred and Forty-nine square Miles.	
This does not include the area of the great Lakes just within and forming a portion of our Northern boundary; neither does it include the marine league on the coast.	

THE STATES OF THE UNION.

STATES. (38.)	POPULATION.						STATE GOVERNMENTS IN 1859.							
	Area. Square Miles.	White Popul'n 1860.	Col'd. Popul'n 1860.	Total Popul'n 1860.	Popul'n 1860.*	Total Popul'n 1870.	Incr. Per Cent.	Gov't. \$390 to \$410	Capitals.	Governors.	Term Expires.	Salary. Legislature meets.	State Elections.	
Alabama.....	50,722	520,271	*437,930	964,201	906,992	37,799	.92	10	Montgomery.....	Rufus W. Cobb.....	Nov.	\$3,000	3 M. Nov.	
Arkansas.....	52,985	324,143	*111,307	435,450	4,4471	37,793	.66	6	Little Rock.....	William R. Miller.....	Jan.	*T. n° 2 M. Ja	First M. in Aug.	
California.....	188,981	323,177	*56,917	379,994	560,247	169,814	.44	69	Sacramento.....	George C. Perkins.....	Jan.	8,500	8,500	
Colorado.....	104,500	34,231	34,231	41,267	34,277	47,164	.12	87	Denver.....	F. W. Pitkin.....	Jan.	6,000	6,000	
Connecticut....	4,750	431,504	8,627	431,504	410,147	527,454	.77	70	Hartford.....	Robert B. Bigelow.....	Jan.	1,700	1,700	
Delaware.....	2,120	90,589	2,120	90,589	81,727	112,216	.15	37	Dover.....	John H. Hall.....	Jan.	2,000	2,000	
Florida.....	59,268	77,746	62,678	140,424	187,278	4,571	.35	30	Tallahassee.....	W. D. Bloxham.....	Jan.	1,700	1,700	
Georgia.....	55,410	55,410	55,410	465,736	1,057,250	1,174,109	117,550	111	Atlanta.....	Alt. H. Colquitt.....	Jan.	8,500	8,500	
Illinois.....	17,041	1,704,291	2,117	1,711,951	7,460	2,539,801	1,874,450	47	75	Springfield.....	Shelby M. Cullom.....	Jan.	4,600	4,600
Indiana.....	32,860	1,338,710	11,718	1,350,428	1,620,637	305,947	.92	60	Indianapolis.....	Albert G. Porter.....	Jan.	6,000	6,000	
Iowa.....	55,045	673,779	1,134	674,913	506,020	750,040	.26	75	Milwaukee.....	Dés Moines.....	Jan.	2,000	2,000	
Kansas.....	81,318	106,390	81,6	107,206	364,229	272,291	.23	99	Topeka.....	John H. Gear.....	Jan.	3,000	3,000	
Kentucky.....	37,680	919,484	236,200	1,155,684	1,321,011	164,723	.14	99	Frankfort.....	John P. St. John.....	Jan.	8,500	8,500	
Louisiana.....	41,346	357,456	350,346	726,806	708,062	26,418	.3	73	New Orleans.....	Louis A. Wiltz.....	Jan.	1 M. Dec.	1 Monday Aug.	
Maine.....	35,000	620,947	1,332	626,915	628,978	626,915	.40	.07	Augusta.....	Harris H. Plaisted.....	Jan.	4,000	4,000	
Maryland.....	11,124	513,918	171,131	680,049	780,894	103,046	.15	80	Annapolis.....	Wm. T. Hamilton.....	Jan.	2,500	2,500	
Massachusetts.....	7,800	1,221,432	934	1,231,066	1,457,331	226,285	.15	13	Boston.....	John D. Long.....	Jan.	4,500	4,500	
Michigan.....	56,451	736,142	*12,971	749,113	1,184,059	435,510	.58	14	Lansing.....	David H. Jerome.....	Jan.	5,000	5,000	
Minnesota.....	53,331	163,395	2,078	172,023	439,706	232,520	.146	.79	St. Paul.....	John M. Pillsbury.....	Jan.	1,000	1,000	
Mississippi.....	47,156	353,899	437,406	791,305	827,022	50,751	.6	41	Jackson.....	John M. Stone.....	Jan.	8,000	8,000	
Missouri.....	65,350	1,063,489	118,523	1,182,021	1,721,205	500,681	.3	03	Jefferson City.....	Thos. T. Crittenden.....	Jan.	5,000	5,000	
Nebraska.....	75,995	52,696	145	726,841	1,122,993	116,588	.20	28	Lincoln.....	Auburn Nance.....	Jan.	2,600	2,600	
Nevada.....	104,125	6,812	4,5	6,857	42,491	42,491	.46	51	Carson City.....	John H. Kinkead.....	Jan.	8,000	8,000	
New Hampshire.....	9,280	329,579	494	318,360	8,037	605,328	.08	56	Concord.....	Charles H. Bell.....	Jan.	1,000	1,000	
New Jersey.....	8,320	646,698	25,316	672,036	904,006	8,633	.12	56	Trenton.....	George C. Laddow.....	Jan.	5,000	5,000	
New York.....	47,000	8,313,500	49,145	3,860,735	4,826,759	530,111	.12	63	Albany.....	Alzon B. Cornell.....	Jan.	10,000	10,000	
North Carolina.....	50,704	629,942	362,622	992,674	1,071,361	24,332	.45	10	Raleigh.....	Thomas J. Jarvis.....	Jan.	8,500	8,500	
Ohio.....	39,964	2,309,808	36,705	2,339,511	5,065,260	312,791	.33	32	Columbus.....	Charles Foster.....	Jan.	4,000	4,000	
Oregon.....	93,274	52,160	305	52,465	90,923	38,413	.73	64	Salem.....	Wm. Wall. Thayer.....	Sept.	5,000	5,000	
Pennsylvania.....	46,000	2,849,250	56,936	2,906,921	3,521,951	603,328	.20	83	Harrisburg.....	Henry M. Hoy.....	Jan.	10,000	10,000	
Rhode Island.....	1,306	170,049	3,971	174,620	217,353	42,736	.24	.46	Newport & Prov.	Alfred H. Littlefield.....	May	1,000	1,000	
South Carolina.....	34,000	291,300	41,200	707,606	2,081	30			Johnson Llacoold.....	Nov.	8,500	8,500		
Tennessee.....	45,600	826,722	283,079	1,109,801	1,258,520	116,350	.46	12	Nashville.....	Alvin Hawkins.....	Jan.	4,000	4,000	
Texas.....	274,356	426,801	183,324	604,215	1,185,757	105,753	.32	8	Oram M. Roberts.....	Oram M. Roberts.....	Jan.	1,000	1,000	
Vermont.....	10,212	314,369	720	315,098	330,551	13,484	.49	5	Montpelier.....	Rosewell Farnham.....	Oct.	1,620	1,620	
Virginia.....	32,000	1,047,220	549,018	1,306,291	1,251,163	56,218	.32	51	Richmond.....	F. M. O. Holliday.....	Sept.	1,620	1,620	
West Virginia.....	23,000	73,924	2,188	775,911	1,054,670	412,014	.32	55	Wheeling.....	J. B. Jackson.....	Mar.	2,700	2,700	
Wisconsin.....									William E. Smith.....	Madison.....	Jan.	5,000	5,000	

Total area (inclusivo of Territories) 3,400,000 square miles. Population in 1850, 23,191,876; in 1860, 31,451,050; in 1870, 38,549,987. Whole number of Senators, 76. * Including Indians and Chinese. ** Biennial Sessions and Elections.

Congressman, 293; total electoral vote, 369.

THE INDIVIDUAL STATES OF THE UNION.

HISTORICAL AND STATISTICAL TABLE OF THE UNITED STATES OF NORTH AMERICA.

[Note.—The whole area of the United States, including water surface of lakes and rivers, is nearly equal to four million square miles, embracing the Russian purchase.]

The Thirteen Original States.	Settled	Sq. miles	* Pop. 1870.	The Thirteen Original States.	Settled	Sq. miles	* Pop. 1870.
New Hampshire.....	1623	9,280	318,300	Delaware.....	1627	2,120	125,015
Massachusetts.....	1620	7,800	1,457,351	Maryland.....	1634	11,124	780,894
Rhode Island.....	1636	1,306	217,353	Virginia—East and West	1607	61,352	1,067,177
Connecticut.....	1633	4,750	537,454	North Carolina.....	1650	50,704	1,071,361
New York.....	1613	47,000	4,382,730	South Carolina.....	1670	34,000	705,606
New Jersey.....	1624	8,320	906,096	Georgia.....	1733	58,000	1,184,109
Pennsylvania.....	1681	46,000	3,521,791	.....	.....	.....	.....

* The total population of the United States in 1860 was, in round numbers, 31,500,000. In 1865 it is estimated that the population was 35,500,000, including the inhabitants of the Territories, estimated at 360,000 persons on January 1, 1865. The Census of 1870 made the whole number, about 39,000,000; at the end of the present century it will be, probably, 103,000,000.

THE STATES ADMITTED INTO THE UNION.

STATES ADMITTED.	Settled.	ACT ORGANIZING TERRITORY.	U.S. STATUTES.		ACT ADMITTING STATE.	U. S. STATUTES.		AREA IN SQ. MILES.	POPULATION, 1870.
			VOL	PP.		VOL	PAGE.		
Kentucky.....	1774	.....	.....	.....	Feb. 4, 1791	1	189	37,680	1,323,264
Vermont.....	1724	.....	.....	.....	Feb. 18, 1791	1	191	a 10,212	330,558
Tennessee.....	1756	.....	.....	.....	June 1, 1790	1	491	45,000	1,258,326
Ohio.....	1788	Ordin'e of 1787	.....	.....	April 30, 1802	2	173	39,964	2,675,468
Louisiana.....	1599	March 3, 1805	2	331	April 8, 1812	2	701	a 41,346	734,420
Indiana.....	1730	May 7, 1800	2	58	Dec. 11, 1816	3	399	33,819	1,668,169
Mississippi.....	1540	April 7, 1798	1	549	Dec. 10, 1817	3	472	47,156	842,056
Illinois.....	1653	Feb'y 3, 1809.	2	514	Dec. 3, 1818	3	536	a 55,410	2,567,036
Alabama.....	1713	March 3, 1817	3	371	Dec. 14, 1819	3	608	50,722	996,175
Maine.....	16:3	.....	.....	.....	March 3, 1820	3	544	a 35,000	630,423
Missouri.....	1763	June 4, 1812	2	743	March 2, 1821	3	645	65,350	1,725,658
Arkansas.....	1685	March 2, 1819	3	493	June 15, 1836	5	50	52,198	486,103
Michigan.....	1670	Jan'y 11, 1805	2	369	Jan. 26, 1837	5	144	a 56,451	1,184,653
Florida.....	1563	March 30, 1822	3	654	March 3, 1845	5	742	59,268	189,950
Iowa.....	1778	June 12, 1838.	5	235	March 3, 1845	5	742	55,045	1,181,359
Texas.....	1694	.....	.....	.....	Dec. 29, 1845	9	168	274,356	795,590
Wisconsin.....	1669	April 20, 1836	5	10	March 3, 1847	9	178	53,924	1,055,501
California.....	1769	.....	.....	.....	Sept. 9, 1850	9	452	a 188,981	556,208
Minnesota.....	1651	March 3, 1849	9	403	Feb. 26, 1857	11	166	83,531	424,543
Oregon.....	1792	Aug. 14, 1848	9	323	Feb. 14, 1859	11	383	95,274	90,878
Kansas.....	1849	May, 30, 1854.	10	277	Jan. 29, 1861	12	126	81,318	379,497
West Virginia.....	1607	.....	.....	.....	Deo. 31, 1862	12	633	23,000	447,943
e Nevada.....	1848	March 2, 1861.	12	209	Mar. 21, 1864	13	30	b 112,090	44,686
f Colorado.....	.....	Feb'y 28, 1861.	12	172	.....	.....	.....	a 104,500	39,681
g Nebraska.....	1852	May 30, 1854	10	277	March 1, 1867	13	47	75,995	116,888

TERRITORIES.	WHEN SET-TLED.	ACT ORGANIZING TERRITORY.	U. S. STATUTES.		AREA IN SQ. MILES.	POPULATION, 1870.
			VOL	PAGE.		
Wyoming.....	1866	July 25, 1868.	15	178	97,883	9,118
New Mexico.....	1570	Sept. 9, 1850.	9	446	121,201	92,604
Utah.....	1847	Sept. 9, 1850.	9	453	c 84,746	70,000
Washington.....	1840	March 2, 1853.	10	172	69,994	23,925
Dakota.....	1850	March 2, 1861.	12	219	j 150,932	14,181
Arizona.....	1600	Feb. 24, 1863.	12	664	d 113,916	9,658
Idaho.....	1662	March 3, 1863.	12	808	k 86,294	14,882
Montana.....	1862	May 26, 1864.	13	85	143,776	20,594
Indian.....	1832	.....	.....	.....	68,991	.....
A District of Columbia.....	1771	{ July 16, 1790.	1	130	10 miles sq.	131,706
North-western America, purchased by treaty of May 28, 1867.....	1799	{ March 3, 1791.	1	214	.....	67,000

NOTES TO THE FOREGOING TABLE.

a. The areas of those States marked *a* are derived from geographical authorities, the public surveys not having been completely extended over them.

b. The present area of Nevada is 112,000 square miles, enlarged by adding one degree of longitude lying between the 37th and 42d degrees of north latitude, which was detached from the west part of Utah, and also north-western part of Arizona Territory, per act of Congress, approved May 5, 1866, (U. S. Laws, 1865 and 1866, p. 43), and assented to by the Legislature of the State of Nevada, January 18, 1867.

c. The present area of Utah is 84,476 square miles, reduced from the former area of 88,056 square miles by incorporating one degree of longitude on the east side, between the 41st and 42d degrees of north latitude, with the Territory of Wyoming, per act of Congress, approved July 25, 1868.

d. The present area of Arizona is 113,916 square miles, reduced from the former area of 127,141 square miles, by an act of Congress, approved May 5, 1866, detaching from the north-western part of Arizona a tract of land equal to 12,225 square miles, and adding it to the State of Nevada. (U. S. Laws 1865 and 1866, p. 43.)

e. Nevada.—Enabling act approved March 24, 1864. (Statutes, vol. 13, p. 30.) Duly admitted into the Union. President's proclamation No. 22, dated October 31, 1864. (Statutes, vol. 13, p. 749.)

f. Colorado.—Enabling act approved March 21, 1863. (Statutes, vol. 13, p. 32.) Not yet admitted.

g. Nebraska.—Enabling act approved April 19, 1864. (Statutes, vol. 13, p. 47.) Duly admitted into the Union. See President's proclamation No. 9, dated March 1, 1867. (U. S. Laws 1866 and 1867, p. 4.)

h. That portion of the District of Columbia south of the Potomac River was retroceded to Virginia, July 9, 1846. (Statutes, vol. 9, p. 35.)

i. Boundaries.—Commencing at 54° 40' north latitude, ascending Portland Channel to the mountains, following their summits to 141° west longitude; thence north on this line to the Arctic Ocean, forming the eastern boundary. Starting from the Arctic Ocean west, the line descends Behring Straits, between the two islands of Krusenstern and Romanzoff, to the parallel of 65° 30', and proceeds due north without limitation into the same Arctic Ocean. Beginning again at the same initial point, on the parallel of 65° 30', thence, in a course southwest, through Behring Straits, between the Island of St. Lawrence and Cape Choukotski, to the 170° west longitude, and thence southwesterly, through Behring Sea, between the islands of Alton and Copper, to the meridian of 193° west longitude, leaving the prolonged group of the Aleutian Islands in the possessions now transferred to the United States, and making the western boundary of our country the dividing line between Asia and America.

j. The present area of Dakota is 150,932 square miles, reduced from the former area of 243,597 square miles, by incorporating seven degrees of longitude of the western part, between the 41st and 45th degrees of north latitude, with the Territory of Wyoming, per act of Congress, approved July 25, 1868.

k. The present area of Idaho is 86,294 square miles, reduced from the former area of 90,932 square miles by incorporating one degree of longitude on the east side, between the 42d and 44th degrees of north latitude with the Territory of Wyoming, per act of Congress, approved July 25, 1868.

IMMIGRATION, FROM 1783 TO 1880.

By an Act of Congress approved March 2, 1818, Collectors of Customs were required to keep a record, and make a quarterly return to the Treasury of all passengers arriving in their respective districts from Foreign Ports, and these reports, duly condensed in the Department, are the chief bases of our knowledge of the subsequent growth and progress of Immigration. Total number of foreign-born passengers arriving at the ports of the United States in the several years from 1783 to 1880 inclusive, are as follows: Previous to

1820.....	250,000	1835.....	45,374	1851.....	379,466	1867.....	293,601
1820.....	8,385	1836.....	76,242	1852.....	371,603	1868.....	289,145
1821.....	9,127	1837.....	79,340	1853.....	368,645	1869.....	385,287
1822.....	6,911	1838.....	39,914	1854.....	427,833	1870.....	356,303
1823.....	6,354	1839.....	68,069	1855.....	200,877	1871.....	346,938
1824.....	7,912	1840.....	84,066	1856.....	260,436	1872.....	404,806
1825.....	10,199	1841.....	80,289	1857.....	251,306	1873.....	437,004
1826.....	10,837	1842.....	104,565	1858.....	123,126	1874.....	277,593
1827.....	18,875	1843.....	52,496	1859.....	121,282	1875.....	209,036
1828.....	27,382	1844.....	78,615	1860.....	153,640	1876.....	187,027
1829.....	22,520	1845.....	114,371	1861.....	91,920	1877.....	149,020
1830.....	23,322	1846.....	154,416	1862.....	89,005	1878.....	157,776
1831.....	22,633	1847.....	214,968	1863.....	174,523	1879.....	197,954
1832.....	60,482	1848.....	226,527	1864.....	193,191	1880.....	44,196
1833.....	58,640	1849.....	297,024	1865.....	248,394		
1834.....	65,365	1850.....	369,980	1866.....	314,840		

Of the Immigrants who landed on our shores in the *sixty years* ending with June 30, 1880 (1820 to 1880) there came from different countries as follows:

Great Britain and Ireland, 4,792,207	Russia and Poland.....	49,658	Denmark	49,655	British North America	570,231
France 805,590	Switzerland...	84,913	Portugal.....	7,433	Central Amer.	1,458
West Indies... 76,500	China	202,084	Turkey.....	580	Australia, &c.	19,453
Sweden and Norway..... 800,292	Germany.....	2,094,664	Greece.....	360	Countries not specified....	812,755
S. America.... 9,216	Holland.....	45,795	Austro-Hun- gary.....	97,981	Total 60 years	10,129,295
Africa	Mexico.....	24,077	Japan.....	355		
Spain	Italy.....	72,555	Asia, not spe- cified.....	612		
	Belgium.....	22,909				

Of those arriving here from January 1st, 1820, to June 30, 1880, those wholly or mainly speaking English were from

Great Britain and Ireland.....	4,692,217	Azores and African Islands	8,076
British North America	570,231	Africa.....	832
English West India Islands	1,242		
Australia and adjacent Islands.....	19,438	Total of English speech.	5,291,081

Of races mainly Teutonic or Scandinavian there were from

Germany.....	2,994,664	Switzerland	84,913	Of Slavic races	49,658
Austro-Hungary.....	97,881	Denmark	49,655		
Holland	45,795	Sweden and Norway ...	860,292	Total.....	3,706,813
Belgium	22,909	Iceland.....	545		

Of French, Spanish, Portuguese and Italian races there were from

France.....	305,510	Central America	1,458	Miquelon.....	8
Spain.....	26,311	South American States	9,216	Corsica.....	13
Portugal.....	7,438	West Indies.....	76,500		
Italy	72,555	Cape Verde, Madeira and Canaries.....	1,298	Total.....	524,384
Mexico	24,077				

Of Asiatic and Polynesian races there were from

China.....	202,054	African Nations.....	841
Japan.....	855	Turkey.....	580
The rest of Asia and Asiatic Islands.....	612	Greece.....	363
Polynesia.....	473	Countries not specified.....	313,755
Total Asiatic, Etc.....	203,479	Total.....	815,586

Of the 3,734,248 passengers landed at Castle Garden from August 1, 1855, to January 1, 1879, their avowed destinations were as follows :

New York and undecided.....	1,501,531	Florida	710	Dakota	4,729	Nova Scotia..	145
Maine.....	6,164	Alabama	1,452	Colorado	2,284	New Foundl'd	2
New Hampshire	4,120	Mississippi	1,405	Wyoming.....	271	New D'minion	816
Vermont.....	6,210	Louisiana	6,568	Utah	35,390	S. America....	770
Massachusetts	170,024	Texas	3,329	Montana.....	322	Cuba	404
Rhode Island.....	34,273	Arkansas	626	Idaho	195	Lima	24
Connecticut	67,800	Tennessee	6,432	Nevada.....	1,725	Mexico	389
New Jersey.....	113,566	Kentucky	16,436	Arizona.....	3	Bermudas and other W. In.	255
Pennsylvania.....	381,614	Ohio	191,434	New Mexico.....	2,179	Central Am	116
Delaware.....	3,404	Michigan	92,717	California	48,210	N. W. Coast....	473
Maryland.....	27,103	Indiana	46,848	Oregon and Wash. Ter.	844	Australia....	52
Dis. Columbia	11,297	Illinois	345,894	Other Countries.		Sandwich Isl's	7
Virginia.....	10,427	Wisconsin	175,199	Brit. Colum...	88	Japan	10
W. Virginia.....	1,636	Iowa	81,598	Canada	69,765	China	21
N. Carolina.....	1,015	Missouri	67,780	Unknow...n.....		Vancouver's L	
S. Carolina.....	3,567	Minnesota	66,389	N. Brunswk	12,205	Unknown.....	22,036
Georgia.....	3,020	Kansas	19,503				
		Nebraska	18,950				

The total arrivals of Immigrants into the United States in the year ending June 30, 1880, was 457,257; of whom 144,876 were from the United Kingdom of Great Britain and Ireland; 84,688 from Germany; 202,811 from other European countries; 99,706 from British America; 5,806 from China and Japan; 543 from the Azores; 1,251 from the West Indies; 23 from the East Indies; 88 from South America, and the remainder from other countries.

Passengers landed at Castle Garden from May 5, 1827, to January 1, 1879.

ARRIVED FROM	NUMBER.	ARRIVED FROM	NUMBER.
Austria	28,530	Italy.....	52,453
Asia Minor	98	Japan	320
Atlantic Islands.....	2,134	Malta	22
Australia	241	Mauritius	18
Asia, including Persia and Asiatic Russia	257	Mexico.....	1,260
Africa	243	New Zealand	24
British America.....	3,224	Norway, including Lapland	49,057
Belgium	10,444	New Brunswick	41
Canada	1,530	Nova Scotia	1,653
China	1,421	Portugal	1,822
Central America.....	520	Russia	29,064
Denmark	36,837	Sandwich Islands	97
East India	388	Switzerland	85,144
England	740,196	Scotland	161,093
France	110,529	Sweden	124,526
Germany	2,163,824	Spain	8,876
Greece	292	South America	3,362
Hungary	2,349	Turkey	298
Holland	40,022	Wales	9,484
Isle of Man	49	West Indies	29,635
Ireland	2,018,422	Born at Sea	135
Iceland	147	Total.....	5,729,535

THE NEW NATURALIZATION LAW.

AN ACT TO AMEND THE NATURALIZATION LAWS AND TO PUNISH CRIMES AGAINST THE SAME, AND FOR OTHER PURPOSES.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That in all cases where any oath, affirmation, or affidavit shall be made or taken under or by virtue of any act or law relating to the naturalization of aliens, or in any proceedings under such acts or laws, if any person or persons taking or making such oath, affirmation, or affidavit, shall knowingly swear or affirm falsely, the same shall be deemed and taken to be perjury, and the person or persons guilty thereof shall upon conviction thereof be sentenced to imprisonment for a term not exceeding five years and not less than one year, and to a fine not exceeding one thousand dollars.

SEC. 2.—*And be it further enacted,* That if any person applying to be admitted a citizen, or appearing as a witness for any such person, shall knowingly personate any other person than himself, or falsely appear in the name of a deceased person, or in an assumed or fictitious name, or if any person shall falsely make, forge, or counterfeit any oath, affirmation, notice, affidavit, certificate, order, record, signature, or other instrument, paper, or proceeding required or authorized by any law or act relating to or providing for the naturalization of aliens; or shall utter, sell, dispose of, or use as true or genuine, or for any unlawful purpose, any false, forged, ante-dated, or counterfeit oath, affirmation, notice, certificate, order, record, signature, instrument, paper, or proceeding as aforesaid; or sell or dispose of to any person other than the person for whom it was originally issued, any certificate of citizenship, or certificate showing any person to be admitted a citizen; or if any person shall in any manner use for the purpose of registering as a voter, or as evidence of a right to vote, or otherwise, unlawfully, any order, certificate of citizenship, or certificate, judgment, or exemplification, showing such person to be admitted to be a citizen, whether heretofore or hereafter issued or made, knowing that such order or certificate, judgment or exemplification has been unlawfully issued or made; or if any person shall unlawfully use, or attempt to use, any such order or certificate, issued to or in the name of any other person, or in a fictitious name, or the name of a deceased person; or use, or attempt to use, or aid, or assist, or participate in the use of any certificate of citizenship, knowing the same to be forged, or counterfeit, or ante-dated, or knowing the same to have

been procured by fraud, or otherwise unlawfully obtained; or if any person, without any lawful excuse, shall knowingly have or be possessed of any false, forged, ante-dated, or counterfeit certificate of citizenship, purporting to have been issued under the provisions of any law of the United States relating to naturalization, knowing such certificate to be false, forged, ante-dated, or counterfeit, with intent unlawfully to use the same; or if any person shall obtain, accept, or receive any certificate of citizenship known to such person to have been procured by fraud, or by the use of any false name, or by means of any false statement made with intent to procure, or to aid in procuring, the issue of such certificate, or known to such person to be fraudulently altered or ante-dated; or if any person who has been or may be admitted to be a citizen shall, on oath or affirmation, or by affidavit, knowingly deny that he has been so admitted, with intent to evade or avoid any duty or liability imposed or required by law, every person so offending shall be deemed and adjudged guilty of felony, and, on conviction thereof, shall be sentenced to be imprisoned and kept at hard labor for a period not less than one year nor more than five years, or be fined in a sum not less than three hundred dollars nor more than one thousand dollars, or both such punishments may be imposed, in the discretion of the court. And every person who shall knowingly and intentionally aid or abet any person in the commission of any such felony, or attempt to do any act hereby made felony, or counsel, advise, or procure, or attempt to procure the commission thereof, shall be liable to indictment and punishment in the same manner and to the same extent as the principal party guilty of such felony, and such person may be tried and convicted thereof without the previous conviction of such principal.

SEC. 3.—*And be it further enacted,* That any person who shall knowingly use any certificate of naturalization heretofore granted by any court, or which shall hereafter be granted, which has been, or shall be, procured through fraud or by false evidence, or has been or shall be issued by the clerk, or any other officer of the court without any appearance and hearing of the applicant in court and without lawful authority; and any person who shall falsely represent himself to be a citizen of the United States, without having been duly admitted to citizenship, for any fraudulent purpose whatever, shall be deemed guilty of a misdemeanor, and upon conviction thereof in due course of law, shall be sentenced to pay a fine of not exceeding one thousand dollars; or be imprisoned not exceeding two years, either or both, in the discretion of the court taking cognizance of the same.

SEC. 4.—*And be it further enacted,* That the provisions of this act shall apply to all proceedings had or taken, or attempted to be had or taken, before any court in which any proceeding for naturalization shall be commenced, had, or taken, or attempted to be commenced; and the courts of the United States shall have jurisdiction of all offenses under

the provisions of this act, in or before whatsoever court or tribunal the same shall have been committed.

SEC. 5.—*And be it further enacted*, That in any city having upward of twenty thousand inhabitants, it shall be the duty of the judge of the circuit court of the United States for the circuit wherein said city shall be, upon the application of two citizens, to appoint in writing for each election district or voting precinct in said city, and to change or renew said appointment as occasion may require, from time to time, two citizens resident of the district or precinct, one from each political party, who, when so designated, shall be, and are hereby, authorized to attend at all times and places fixed for the registration of voters, who, being registered, would be entitled to vote for representative in Congress, and at all times and places for holding elections of representatives in Congress, and for counting the votes cast at said elections, and to challenge any name proposed to be registered, and any vote offered, and to be present and witness throughout the counting of all votes, and to remain where the ballot boxes are kept at all times after the polls are open until the votes are finally counted; and said persons or either of them shall have the right to affix their signature or his signature to said register for purposes of identification, and to attach thereto, or to the certificate of the number of votes cast, any statement touching the truth or fairness thereof which they or he may ask to attach; and any one who shall prevent any person so designated from doing any of the acts authorized as aforesaid, or who shall hinder or molest any such person in doing any of the said acts, or shall aid or abet in preventing, hindering or molesting any such person in respect of any such acts, shall be guilty of a misdemeanor, and on conviction shall be punished by imprisonment not less than one year.

SEC. 6.—*And be it further enacted*, That in any city having upward of twenty thousand inhabitants, it shall be lawful for the marshal of the United States for the district wherein said city shall be, to appoint as many special deputies as may be necessary to preserve order at any election at which representatives in Congress are to be chosen; and said deputies are hereby authorized to preserve order at such elections, and to arrest for any offence or breach of the peace committed in their view.

SEC. 7.—*And be it further enacted*, That the naturalization laws are hereby extended to aliens of African nativity and to persons of African descent.

Approved, July 14, 1870.



ART. XII. OF AMENDMENTS TO THE CONSTITUTION OF THE UNITED STATES--The Electors shall meet in their respective States, and vote by ballot for President and Vice President, one of whom, at least, shall not be an inhabitant of the same state with themselves; they shall name in their ballot the person voted for as President, and in distinct ballots the person voted for as Vice-President, and they shall make distinct lists of all persons voted for as President, and of all persons voted for as Vice-President, and of the number of votes for each, which lists they shall sign and certify, and transmit sealed to the seat of government of the United States, directed to the President of the Senate. The President of the Senate shall, in presence of the Senate and House of Representatives, open all the certificates, and the votes shall then be counted. The person having the greatest number of votes for President, shall be the President, if such number be a majority of the whole number of Electors appointed; and if no person have such majority, then from the persons having the highest numbers, not exceeding three, on the list of those voted for as President, the House of Representatives shall choose immediately, by ballot, the President. But in choosing the President, the votes shall be taken by States, the representation from each State having one; a quorum for this purpose shall consist of a member or members from two-thirds of the States, and a majority of all the States shall be necessary to a choice. And if the House of Representatives shall not choose a President whenever the right of choice shall devolve upon them, before the fourth day of March next following, then the Vice-President shall act as President, as in the case of the death or other constitutional disability of the President. The person having the greatest number of votes, as Vice-President, shall be the Vice-President, if such number be a majority of the whole number of Electors appointed; and if no person have a majority, then from the two highest numbers on the list, the Senate shall choose the Vice-President; a quorum for the purpose shall consist of two-thirds of the whole number of Senators, and a majority of the whole number shall be necessary to a choice. But no person, constitutionally ineligible to the office of President, shall be eligible to that of Vice-President of the United States.

(This Amendment should be read in connection with Section 1 of Article II. of the Constitution of the United States, to which it is an amendment). See Constitution of the United States, page 123

ELECTORAL VOTE OF EACH STATE FROM 1808 TO 1820.

STATES.	1808.		1812.		1816.*		1820.†	
	PRES'T	VICE-PRES'T	PRES'T	V.-P.	PRES.	V.-PRES.	PRES.	V.-PRES.
Alabama.....		James Madison (Charles C. Pinckney)		James Madison		James Monroe		
Connecticut.....	9	George Clinton	9	Rufus King	9	Rufus King	9	John Q. Adams
Delaware.....	3		3	John Langdon	4	DeWitt Clinton	3	Daniel D. Tompkins
Georgia.....	6	6	James Madison	James Monroe	8	Elbridge Gerry	8	Richard Stockton
Illinois.....				Jared Ingersoll	9	Jared Ingersoll	9	Scattering
Indiana.....					9	James Monroe	3	
Kentucky.....	7	7	12	12	12	12	12	12
Louisiana.....			3	3	3	3	3	3
Maine.....			6	5	6	5	9	9
Maryland.....	9	2	9	2	5	8	11	10
Massachusetts.....	19	19	22	22	22	22	15	7
Mississippi.....			7	8	1	8	3	3
New Hampshire.....	7	7	8	8	7	8	7	1
New Jersey.....	8	8	3	3	8	8	8	8
New York.....	13	6	13	29	29	29	23	29
North Carolina.....	11	3	11	3	15	15	15	13
Ohio.....	3		3	7	7	8	8	8
Pennsylvania.....	20	20	25	25	25	25	25	23
Rhode Island.....	4	4	4	4	4	4	4	4
South Carolina.....	10	10	11	11	11	11	11	11
Tennessee.....	5	5	6	8	8	8	8	8
Vermont.....	6		8	8	8	8	x	8
Virginia.....	24	24	25	25	25	25	25	23
Total.....	122	47	6113	47	9	3128	89131861833418322	12231121886

* In 1816 Connecticut gave five votes to James Ross, of Pennsylvania, for Vice-President, and four to John Marshall of Virginia (Chief-Judge Marshall) for the same office. Delaware gave three votes for Robert G. Harper, of Maryland, for Vice-President.

† In 1820, John Quincy Adams received one Electoral Vote for President (from New Hampshire), and Richard Rush, of Pennsylvania, one for Vice-President. Richard Stockton, of New Jersey, received 8 votes from Massachusetts for the Vice-Presidency. Daniel Rodney, of Delaware, 4 from his own State, and Robert G. Harper, of Maryland, one from his own State, for the same office.

‡ There is no record of the Popular Vote by States previous to 1824 known to be existence. Many of the States chose the Electors by joint convention of the Legislatures previous to that time, as a few did later.

ELECTORAL AND POPULAR VOTE FOR PRESIDENT AND VICE-PRESIDENT FROM 1824 TO 1832.

STATES.	1824.		1828.		1832.	
	ELECTORAL VOTE.		POPULAR VOTE.		ELECTORAL VOTE.	
	PRESID'T	VICE-PRESIDENT	PRESID'T	VICE-PRESIDENT	PRESID'T	VICE-PRESIDENT
Alabama.....	5	John Q. Adams	5	John Q. Adams	17.13	1,988
Connecticut.....	8	Henry Clay	5	John C. Calhoun	4,418	13,836
Delaware.....	3	John Q. Adams	5	John C. Calhoun	4,449	4,769
Georgia.....	6	John Q. Adams	9	John C. Calhoun	18,099	11,021
Illinois.....	1	John Q. Adams	3	John C. Calhoun	1,461	5
Indiana.....	2	John Q. Adams	7	John C. Calhoun	5	5
Kentucky.....	1	John Q. Adams	1	John C. Calhoun	9	9
Louisiana.....	2	John Q. Adams	1	John C. Calhoun	22,367	17,052
Maine.....	1	John Q. Adams	1	John C. Calhoun	39,961	31,172
Maryland.....	10	John Q. Adams	1	John C. Calhoun	4,005	4,069
Massachusetts.....	14	John Q. Adams	6	John C. Calhoun	1,27	5
Mississippi.....	3	John Q. Adams	1	John C. Calhoun	20,773	10
Missouri.....	3	John Q. Adams	1	John C. Calhoun	24,178	25,799
New Hampshire.....	8	John Q. Adams	1	John C. Calhoun	6,09	29,667
New Jersey.....	8	John Q. Adams	1	John C. Calhoun	19,156	19,156
New York.....	12	John Q. Adams	1	John C. Calhoun	1,5	14,115
North Carolina.....	5	John Q. Adams	1	John C. Calhoun	1,4	5,919
Ohio.....	15	John Q. Adams	1	John C. Calhoun	8,32	3,432
Pennsylvania.....	20	John Q. Adams	1	John C. Calhoun	24,06	7
Rhode Island.....	4	John Q. Adams	1	John C. Calhoun	8	8
South Carolina.....	11	John Q. Adams	1	John C. Calhoun	21,050	23,58
Tennessee.....	11	John Q. Adams	1	John C. Calhoun	140,663	154,175
Vermont.....	7	John Q. Adams	1	John C. Calhoun	15	15
Virginia.....	23	John Q. Adams	1	John C. Calhoun	63,396	21
Total.....	99	John Q. Adams	13	John C. Calhoun	59,087	59,087

Electors in each State in 1832

In the election of 1824 there were four candidates for the Presidency, each of whom received a number of Electoral Votes, but no one a majority; Andrew Jackson received a plurality of both the Electoral and Popular Vote (69 of the former and 155,812 of the latter); but as there was evidently no election, it devolved upon the House of Representatives to choose a President according to the 12th Amendment of the Constitution. The voting was by States, and 24 States (one member from each State) were appointed to the ballot. The friends of Mr. Jackson, Adams and Crawford, the friends of Mr. Clay supported Mr. Adams. When the vote was counted, thirteen States voted for Mr. Crawford, and four for Mr. Jackson, and four for Mr. Adams, seven for Mr. Clay and four for Mr. Crawford. Mr. Adams was then declared elected. Mr. Calhoun having received a large majority of all the Electoral votes for Vice-President took the oath on the 4th of March, 1825.

The Elections of 1828 and 1832 were not especially noticeable. Gen. Jackson, whose friends had denounced the imposed coalition between Messrs. Adams and Clay, in 1824, as corrupt, was elected by a large majority over his competitor, both on the Popular and Electoral Vote. In 1828, and received a small number of Electoral Votes in 1832, and Mr. Clay had but 48, while Gen. Jackson received 219.

John Floyd of Virginia and Wm. Wirt of Maryland received each a small number of Electoral Votes in 1832, and Mr. Clay had but 48, while Gen. Jackson received 219.

ELECTORAL AND POPULAR VOTE FOR PRESIDENT AND VICE-PRESIDENT, 1836 TO 1844.

STATES.		1836.		1840.		1844.	
		ELECTORAL VOTE.		POPULAR VOTE.		ELECTORAL VOTE.	
PRESIDENT.	VICE-PRES'T	PRES'T VICE-PRES'T		POPULAR VOTE.		PRES'T V-PRES'T	
7 Alabama.....	7 James K. Polk	19,068	15,937	1,236	1,236	128,471	33,691
3 Arkansas.....	3 Martin Van Buren	2,400	3,383	8	7	5,160	6,049
9 Connecticut.....	9 George M. Dallas	19,234	18,165	8	8	25,261	3,601
3 Delaware.....	3 James K. Polk	4,155	4,738	3	3	4,884	5,665
11 Georgia.....	11 Richard M. Johnson	22,126	24,920	11	11	40,261	31,933
5 Illinois.....	5 John Tyler	18,893	14,883	5	5	45,537	47,477
9 Indiana.....	9 Wm. H. Harrison	32,460	45,881	9	9	51,695	149
15 Kentucky.....	15 Martin Van Buren	33,435	36,565	15	15	58,469	32,616
5 Louisiana.....	5 Wm. H. Harrison	3,053	3,393	5	5	11,205	7,601
10 Maine.....	10 Richard M. Johnson	2,320	2,320	10	10	46,632	46,632
10 Maryland.....	10 John Tyler	22,167	25,852	10	10	35,528	27,752
14 Massachusetts.....	14 Wm. H. Harrison	43,621	41,993	14	14	72,874	51,948
3 Michigan.....	3 Franklin Pierce	7,360	4,000	3	3	22,923	21,698
4 Mississippi.....	4 Hugh L. White	9,979	4,000	4	4	19,518	16,995
4 Missouri.....	4 Wm. H. Harrison	10,955	8,337	4	4	22,972	20,700
7 New Hampshire.....	7 Franklin Pierce	18,722	26,828	7	7	23,070	126
8 New Jersey.....	8 Wm. H. Harrison	26,347	26,802	8	8	33,351	31,034
42 New York.....	42 Richard M. Johnson	165,8	138,513	42	42	22,587	21,519
15 North Carolina.....	15 Franklin Pierce	26,910	23,026	15	15	46,370	34,212
1 Ohio.....	1 James K. Polk	96,948	105,405	21	21	14,157	14,782
39 Pennsylvania.....	39 Richard M. Johnson	91,475	87,111	30	30	14,021	13,676
4 Rhode Island.....	4 Franklin Pierce	2,661	2,710	4	4	5,278	3,301
11 South Carolina.....	11 By Elect. Asstature	11	11	11	11	By Leg. Institution	10
15 Tennessee.....	15 Wm. H. Harrison	26,128	35,062	15	15	60,391	48,289
7 Vermont.....	7 Franklin Pierce	14,337	28,391	7	7	32,440	18,009
23 Virginia.....	23 James K. Polk	30,261	23,368	7	7	42,501	43,803
291 Total.....	291 James K. Polk	170,736	141,411	147,727	147,727	1,128,702	7,056
		170,449	736,646	234	60,234	48,11	1,127,501

* In 1836, though Mr. Van Buren was chosen President, having a majority of 23 Electoral Votes and of nearly 25,000 on the Popular Vote, there was no choice of Vice-President by the Electors, Richard M. Johnson, of Kentucky, receiving 147 Electoral Votes, just one-half of the whole number cast, while it was necessary to a majority. Mr. Johnson's majority on the Electoral Vote was 174 or almost four-fifths, but on the Popular Vote it was only 139,259 or about one-seventeenth. In 1844, Mr. Polk's majority on the Electoral Vote was 65 or nearly three-fifths, but his Popular Vote was full 24,000 short of a majority.

ELECTORAL AND POPULAR VOTE FOR PRESIDENT AND VICE-PRESIDENT FROM 1824 TO 1856.

PRESIDENTIAL VOTES.

63

STATES.	ELECTORAL VOTE.		POPULAR VOTE.		ELECTORAL VOTE.		POPULAR VOTE.		ELECTORAL VOTE.		POPULAR VOTE.	
	PRES'	VICE-P'	PRES'	VICE-P'	PRES'	VICE-P'	PRES'	VICE-P'	PRES'	VICE-P'	PRES'	VICE-P'
Alabama.....	9	9	30,482	31,363	26,81	15,028	9	9	46,739	26,552	16,562	10,787
Arkansas.....	4	4	7,582	9,303	12,413	2,404	4	4	21,910	20,901	16,165	10,787
California.....	6	6	30,314	27,046	40,512	35,467	100	4	53,305	42,715	2,615	2,615
Connecticut.....	3	3	5,933	6,005	5,249	5,057	3	3	38,995	38,508	6,175	6,175
Delaware.....	3	3	3,116	1,847	3,116	2,875	3	3	6,358	4,833	4,833	4,833
Florida.....	3	3	47,544	44,865	34,925	36,665	10	10	56,518	45,228	37,441	37,441
Georgia.....	10	10	53,047	59,300	15,774	11	11	85,497	61,924	11,066	9,960	9,960
Illinois.....	9	9	69,907	74,745	8,100	13	13	74,745	10,001	13	13	13
Indiana.....	12	12	11,684	12,085	1,126	4	4	17,723	15,456	1,064	1,064	1,064
Iowa.....	4	4	11,141	12,120	5,860	5,720	12	4	74,642	67,416	9,186	9,186
Kentucky.....	12	12	18,217	15,970	6,120	6,120	6	6	22,164	31,914	20,759	20,759
Louisiana.....	6	6	35,125	39,880	12,096	12,096	8	8	32,512	32,512	3,325	3,325
Maine.....	8	8	37,702	34,428	125	8	8	41,000	35,000	54	54	67,979
Maryland.....	8	8	61,070	55,881	38,058	13	13	52,688	32,023	13	13	16,921
Massach. setts.....	12	12	23,940	20,687	10,356	6	6	43,812	31,959	7,237	7,237	7,237
Michigan.....	5	5	25,622	25,527	7	7	26,776	17,548	7	7	35,446	35,446
Mississippi.....	7	7	32,371	40,007	7	9	28,353	20,984	9	9	58,164	49,524
Missouri.....	6	6	14,81	22,763	7,656	5,700	5	5	16,147	6,895	5	5
New Hampshire.....	2	2	45,625	37,925	7,700	7,700	7	7	44,305	39,550	7	7
New Jersey.....	36	36	21,880	20,510	3,114	3,114	10	10	23,982	22,329	3,355	3,355
New York.....	11	11	43,520	41,959	3,149	3,149	23	23	40,022	35,000	10	10
North Carolina.....	23	23	28,300	15,477	3,354	27	27	16,920	15,526	31,682	23	23
Ohio.....	26	26	18,513	17,176	11,203	11,203	27	27	19,868	17,172	6,525	27
Pennsylvania.....	4	4	6,779	3,040	730	4	4	8,375	6,262	644	44	44
Rhode Island.....	13	13	9	9	By Leg. signature	8	8	By Leg. signature	4	4	8	4
South Carolina.....	12	12	4,705	5,419	5,419	5,419	12	12	5,708	5,808	12	12
Tennessee.....	6	6	4,502	4,502	10,918	18,837	4	4	13,444	19,995	4	4
Texas.....	4	4	17,622	16,912	45,124	45,124	15	15	22,773	22,773	10	10
Vermont.....	6	6	17	17	45,356	45,356	10	10	53,558	53,558	5	5
Virginia.....	15	15	13,747	15,001	10,418	10,418	5	5	22,240	18,844	5	5
Wisconsin.....	5	5	127	127	1,220,544	1,220,544	254	254	1,386,578	1,386,578	174	174
Total.....	163	163	1,360,099	1,360,099	1,601,474	1,601,474	254	254	1,74	1,74	114	114

In the Election of 1848, Gen. Taylor, though having a majority of 36 Electoral Votes, was 15,708 short of a majority on the Popular Vote. In 1856, Mr. Buchanan, though having a majority of 62 in the Electoral College, was 57,229 short of a majority on the Popular Vote—while in the overwhelming victory of Mr. Pierce, where his majority in the Electoral College was 212, his majority on the Popular Vote was only 59,771.

ELECTIONS AND FORMAL VOTES OF EACH STATE 1860 TO 1923

* In Nevada, in 1844, three Republican Electors were chosen, but one of them having died before the Electoral Vote was cast in December, the Vacancy was not filled, and only two Electoral Votes were cast. In the Election of 1860, four candidates were in the field, all of whom received some Electoral Votes. Mr. Lincoln had a majority over all of them, but was in a minority of 94,119 in the Popular Vote. In 1864 he had a majority of 191 in the Electoral College, and of nearly 408,000 on the Popular Vote.

PRESIDENTIAL VOTES

ELEC. V.		POPULAR VOTE.		SCATTERING.	
PRES.	ELECTORAL VOTE, in 1880.	PRES.	ELECTORAL VOTE, in 1880.	PRES.	ELECTORAL VOTE, in 1880.
James A. Gar- field, of Ohio.	10 6 ...	56,240	101,875	4,610	no li. chkt.
Wm. H. Hays- field, of Penn.	6 6 ...	41,501	60,481	4,079	44 " "
Wm. A. Grah- am, of Michi- gan.	6 1 5	60,378	86,417	2,783	44 " "
Wm. C. Stet- son, of Minne- sota.	3 3 3	27,450	24,447	1,435	44 " "
Wm. D. Webb- er, of Wash- ington.	3 0 7	67,073	61,147	860	405 " "
James B. Weller, of Mass.	3 3 4	14,132	15,178	120	11 li. chkt.
James B. Weller, of Mass.	4 4 4	23,632	27,022	2,622	7 " "
James A. Gar- field, of Michi- gan.	11 11 11	55,652	102,522	4,811	" " "
Wm. C. Stet- son, of Minne- sota.	21 21 21	38,718	27,321	26,328	443 " "
Wm. C. Stet- son, of Minne- sota.	15 15 15	23,116	22,522	12,956	11 chkt.
Wm. C. Stet- son, of Minne- sota.	11 11 11	18,901	16,845	32,322	150 " "
Wm. C. Stet- son, of Minne- sota.	5 5 5	121,549	98,801	9,951	11 chkt.
Wm. C. Stet- son, of Minne- sota.	12 12 12	10,592	18,745	6,677	2,27 " "
Wm. C. Stet- son, of Minne- sota.	8 8 8	14,834	14,784	11,458	2,27 " "
Wm. C. Stet- son, of Minne- sota.	7 7 7	5,934	6,934	4,422	11 li. chkt.
Wm. C. Stet- son, of Minne- sota.	6 6 6	7,439	55,917	14,688	993 " "
Wm. C. Stet- son, of Minne- sota.	8 8 8	9,067	93,067	11,390	11 chkt.
Wm. C. Stet- son, of Minne- sota.	13 13 13	165,108	111,956	4,548	117 " "
Wm. C. Stet- son, of Minne- sota.	11 11 11	185,195	131,903	9,853	11 chkt.
Wm. C. Stet- son, of Minne- sota.	5 5 5	91,993	53,316	3,267	2,132 " "
Wm. C. Stet- son, of Minne- sota.	8 8 8	34,654	57,156	5,797	2,66 " "
Wm. C. Stet- son, of Minne- sota.	15 15 15	153,587	268,580	33,135	3,05 " "
Wm. C. Stet- son, of Minne- sota.	3 3 3	28,522	28,522	2,522	8 " "
Wm. C. Stet- son, of Minne- sota.	3 3 3	10,145	11,215	4,078	44 " "
Wm. C. Stet- son, of Minne- sota.	5 5 5	44,852	40,791	5,228	180 " "
Wm. C. Stet- son, of Minne- sota.	9 9 9	55,565	125,565	2,617	101 " "
Wm. C. Stet- son, of Minne- sota.	35 35 35	55,544	53,416	12,373	1,517 " "
Wm. C. Stet- son, of Minne- sota.	10 10 10	115,610	121,203	1,126	11 li. chkt.
Wm. C. Stet- son, of Minne- sota.	22 22 22	22,198	20,204	6,456	2,66 " "
Wm. C. Stet- son, of Minne- sota.	3 3 3	20,618	19,650	2,455	11 li. chkt.
Wm. C. Stet- son, of Minne- sota.	29 29 29	44,174	40,748	20,085	1,939 " "
Wm. C. Stet- son, of Minne- sota.	4 4 4	57,947	70,778	2,391	26 " "
Wm. C. Stet- son, of Minne- sota.	12 12 12	59,708	112,936	5,577	no li. chkt.
Wm. C. Stet- son, of Minne- sota.	8 8 8	53,000	140,000	5,405	11 chkt.
Wm. C. Stet- son, of Minne- sota.	5 5 5	45,991	18,182	26,210	11 chkt.
Wm. C. Stet- son, of Minne- sota.	11 11 11	89,034	128,158	5,01	11 li. chkt.
Wm. C. Stet- son, of Minne- sota.	5 5 5	14,245	53,919	11,079	3,99 " "
Wm. C. Stet- son, of Minne- sota.	10 10 10	144,400	111,049	7,986	69 " "
Wm. C. Stet- son, of Minne- sota.	309 214 155	43,868,670	44,379,902	36,339	9,795,919 1,072,8,081

1876.

ELECT'R'L VOTE

HISTORY OF THE PRESIDENTIAL ELECTION AND INAUGURATION,

SUBSEQUENT TO THE MEETING OF THE ELECTORAL COLLEGES.

The doubt in regard to the result of the Presidential Election was not removed by the returns from the Electoral Colleges which met December 6, 1876, for in South Carolina, Florida and Louisiana two or more lists of Electors were returned, though some of them lacked the required authentication, and in Oregon, one name was returned who had confessedly not been elected, and there were in consequence three Electoral Certificates from that State, one containing the elected list, one substituting one name not elected for an elector declared to have been ineligible, and one made up of the names of this substituted elector and two others whom he had appointed. The confusion seemed constantly growing more hopeless, and the danger of revolution or violence constantly greater. Investigating Committees had been sent to South Carolina, Florida and Louisiana by both houses of Congress, and informal commissions sent by the President and by the Chairman of the National Democratic Committee. A joint committee was at last appointed from the Senate and House of Representatives, with instructions to consider and report a bill for regulating the counting of the votes for President and Vice-President. The questions which were to be solved were these: whether as one party claimed, the Vice-President or Acting Vice-President of the United States was vested with the exclusive power of opening and counting, or causing to be counted, the electoral vote; whether his functions in this matter were purely ministerial; whether in case of two returns he alone had the right to decide which were valid; and if not, whether the Senate or the House, or either or both, separately or together, as a joint convention, or the House voting by States, had a right to decide the question for him; whether the House had a right, after objecting to the electoral vote of any State, to declare that there was no election, and to proceed to vote for a President by States, the Senate thereupon electing the Vice-President. There were other but minor questions also involved, and it was felt that there was need of great caution and wisdom in digesting a plan which would prove satisfactory to both parties and avert the threatened conflict. The committee was selected with great care, and consisted of some of the ablest men in each house. The President of the Senate named four Republicans and three Democrats, and the Speaker of the House four Democrats and three Republicans, so that each party might be represented by an equal number. The Senators on the committee were Messrs. Edmunds, Frelinghuysen, Morton, Conkling, Thurman, Bayard and Ransom, and the members of the House, Messrs. Payne, Hunton, Hewitt, Springer, McCrary, Hoar and Willard. The committee thus constituted, after long and careful deliberation, reported the following act on the 18th of January, 1877.

THE ACT PROVIDING FOR THE ELECTORAL COMMISSION.

AN ACT to provide for and regulate the counting of votes for President and Vice-President, and the decision of questions arising thereon, for the term commencing March Fourth, Anno Domini eighteen hundred and seventy-seven.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Senate and House of Representatives shall meet in the hall of the House or Representatives, at the hour of one o'clock post meridian, on the first Thursday in February, Anno Domini eighteen hundred and seventy-seven, and the President of the Senate shall be their presiding officer. Two tellers shall be previously appointed on the part of the Senate, and two on the part of the House of Representatives, to whom shall be handed, as they are opened by the President of the Senate, all the certificates, and papers purporting to be certificates, of the electoral votes, which certificates and papers shall be opened, presented, and acted upon in alphabetical order of the States, beginning with the letter A; and said tellers having then read the same in the presence and hearing of the two Houses, shall make a list of the votes as they shall appear from the said certificates; and the votes having been ascertained and counted as in this act provided, the result of the same shall be delivered to the President of the Senate, who

shall thereupon announce the state of the vote, and the names of the persons, if any, elected, which announcement shall be deemed a sufficient declaration of the persons elected President and Vice-President of the United States, and, together with a list of the votes, be entered on the journals of the two Houses. Upon such reading of any such certificate or paper when there shall be only one return from a State, the President of the Senate shall call for objections, if any. Every objection shall be made in writing, and shall state clearly and concisely, and without argument, the ground thereof, and shall be signed by at least one Senator and one member of the House of Representatives before the same shall be received. When all objections so made to any vote or paper from a State shall have been received and read, the Senate shall thereupon withdraw, and such objections shall be submitted to the Senate for its decision; and the speaker of the House of Representatives shall, in like manner, submit such objections to the House of Representatives for its decision; and no electoral vote or votes from any State from which but one return has been received shall be rejected, except by the affirmative vote of the two Houses. When the two Houses have voted, they shall immediately again meet, and the presiding officer shall then announce the decision of the question submitted.

SEC. 2. That, if more than one return, or paper purporting to be a return from a State, shall have been received by the President of the Senate, purporting to be the certificates of electoral votes given at the last preceding election for President and Vice-President in such State (unless they shall be duplicates of the same return), all such returns and papers shall be opened by him in the presence of the two Houses when met as aforesaid, and read by the tellers, and all such returns and papers shall thereupon be submitted to the judgment and decision as to which is the true and lawful electoral vote of such State, of a commission constituted as follows, namely: During the session of each House, on the Tuesday next preceding the first Thursday in February, eighteen hundred and seventy-seven, each House shall, by *viva voce* vote, appoint five of its members, who with the five associate justices of the Supreme Court of the United States, to be ascertained as herein-after provided, shall constitute a commission for the decision of all questions upon or in respect of such double returns named in this section. On the Tuesday next preceding the first Thursday in February, Anno Domini eighteen hundred and seventy-seven, or as soon thereafter as may be, the associate justices of the Supreme Court of the United States now assigned to the first, third, eighth, and ninth circuits shall select, in such manner as a majority of them shall deem fit, another of the associate justices of said court, which five persons shall be members of said commission; and the person longest in commission of said five justices shall be the president of said commission. The members of said commission shall respectively take and subscribe the following oaths: "I, ——, do solemnly swear (or affirm, as the case may be) that I will impartially examine and consider all questions submitted to the commission of which I am a member, and a true judgment give thereon, agreeably to the Constitution and the laws: so help me God;" which oath shall be filed with the Secretary of the Senate. When the commission shall have been thus organized, it shall not be in the power of either House to dissolve the same, or to withdraw any of its members; but if any such Senator or member shall die or become physically unable to perform the duties required by this act, the fact of such death or physical inability shall be by said commission, before it shall proceed further, communicated to the Senate or House of Representatives, as the case may be, which body shall immediately and without debate proceed by *viva voce* vote to fill the place so vacated, and the person so appointed shall take and subscribe the oath hereinbefore prescribed, and become a member of said commission; and, in like manner, if any of said justices of the Supreme Court shall die or become physically incapable of performing the duties required by this act, the other of said justices, members of the said commission, shall immediately appoint another justice of said court a member of said commission, and, in such appointments, regard shall be had to the impartiality and freedom from bias sought by the original appointments to said commission, who shall thereupon immediately take and subscribe the oath hereinbefore prescribed, and become a member of said commission to fill the vacancy so occasioned. All the certificates and papers purporting to be certificates of the electoral votes of each State shall be opened, in the alphabetical order of the States, as provided in section one of this act; and when there shall be more than one such certificate or paper, as the certificates and papers from such State shall so be opened (excepting duplicates of the same return), they shall be read by the tellers, and thereupon the President of the Senate shall call for

objections, if any. Every objection shall be made in writing, and shall state clearly and concisely, and without argument, the ground thereof, and shall be signed by at least one Senator and one member of the House of Representatives before the same shall be received. When all such objections so made to any certificate, vote, or paper from a State shall have been received and read, all such certificates, votes and papers so objected to, and all papers accompanying the same, together with such objections, shall be forthwith submitted to said commission, which shall proceed to consider the same, with the same powers, if any, now possessed for that purpose by the two Houses acting separately or together, and by a majority of votes, decide whether any and what votes from such State are the votes provided for by the Constitution of the United States, and how many and what persons were duly appointed electors in such State, and may therein take into view such petitions, depositions, and other papers, if any, as shall, by the Constitution and now existing law, be competent and pertinent in such consideration; which decision shall be made in writing, stating briefly the ground thereof, and signed by the members of said commission agreeing therein; whereupon the two Houses shall again meet, and such decision shall be read and entered in the journal of each house, and the counting of the votes shall proceed in conformity therewith, unless, upon objection made thereto in writing by at least five Senators and five members of the House of Representatives, the two Houses shall separately concur in ordering otherwise, in which case such concurrent order shall govern. No votes or papers from any other State shall be acted upon until the objections previously made to the votes or papers from any State shall have been finally disposed of.

SEC. 3. That, while the two Houses shall be in meeting, as provided in this act, no debate shall be allowed and no question shall be put by the presiding officer, except to either House on a motion to withdraw; and he shall have power to preserve order.

SEC. 4. That when the two Houses separate to decide upon an objection that may have been made to the counting of any electoral vote or votes from any State, or upon objection to a report of said commission, or other question arising under this act, each Senator and Representative may speak to such objection or question ten minutes, and not oftener than once; but after such debate shall have lasted two hours, it shall be the duty of each House to put the main question without further debate.

SEC. 5. That at such joint meeting of the two Houses, seats shall be provided as follows: For the President of the Senate, the Speaker's chair; for the Speaker, immediately upon his left; the Senators in the body of the hall upon the right of the presiding officer; for the Representatives, in the body of the hall not provided for the Senators; for the tellers, Secretary of the Senate, and Clerk of the House of Representatives, at the Clerk's desk; for the other officers of the two Houses, in front of the Clerk's desk and upon each side of the Speaker's platform. Such joint meeting shall not be dissolved until the count of electoral votes shall be completed and the result declared; and no recess shall be taken unless a question shall have arisen in regard to counting any such votes, or otherwise under this act, in which case it shall be competent for either House, acting separately, in the manner hereinbefore provided, to direct a recess of such House not beyond the next day, Sunday excepted, at the hour of ten o'clock in the forenoon. And while any question is being considered by said commission, either House may proceed with its legislative or other business.

SEC. 6. That nothing in this act shall be held to impair or affect any right now existing under the Constitution and laws to question, by proceeding in the judicial courts of the United States, the right or title of the person who shall be declared elected, or who shall claim to be President or Vice-President of the United States, if any such right exists.

SEC. 7. That said commission shall make its own rules, keep a record of its proceedings, and shall have power to employ such persons as may be necessary for the transaction of its business and the execution of its power.

Approved, January 29, 1877.

This act passed the Senate January 25, 1877. forty-seven Senators voting for it, seventeen against it, and ten not voting. It passed the House, Jan. 26, one hundred and ninety-one voting for it, eighty-six against it, and fourteen not voting. It was approved by the President, Jan. 29, 1877.

On the 30th of January the Senate and House each elected their members of the Commission, and the four Judges of the Supreme Court virtually named in the act, proceeded to elect a fifth, choosing Justice Joseph P. Bradley, of N. J. The Commission was thus constituted as follows:

Justices of the Supreme Court.

NATHAN CLIFFORD, Presi-	GEORGE F. EDMUNDS, Vt.	JAMES A. GARFIELD, Ohio.
dent, Me.	FRED. T. FRELINGHUY-	GEORGE F. HOAR, Mass.
SAMUEL F. MILLER, Iowa.	SEN. N.J.	HENRY B. PAYNE, Ohio.
WILLIAM STRONG, Penn.	OLIVER P. MORTON, Ind.	EPPA HUNTON, Va.
STEPHEN J. FIELD, Cal.	ALLEN G. THURMAN, Ohio.	JOSIAH G. ABBOTT, Mass.
JOSEPH P. BRADLEY, N.J.	THOMAS F. BAYARD, Del.	

*Senators.**Representatives.*

On the 31st of January the Commission met and adopted the following rules :

RULES OF THE COMMISSION.

RULE I. The Committee shall appoint a Secretary, two Assistant Secretaries, a Marshal, and two Deputy Marshals, a Stenographer, and such messengers as shall be needful; to hold during the pleasure of the Commission.

RULE II. On a *any* subject submitted to the Commission, a hearing shall be had; and counsel shall be allowed to conduct the case on each side.

RULE III. Counsel, not exceeding two in number on each side, will be heard by the Commission, on the merits of any case presented to it, not longer than two hours being allowed to each side, unless a longer time and additional counsel shall be specially authorized by the Commission. In the hearing of interlocuting questions, but one counsel shall be heard on each side, and no longer than fifteen minutes, unless the Commission allow further time and additional counsel; and printed arguments will be received.

RULE IV. The objectors to any certificate or vote, may select two of their number to support their objections in oral argument, and to advocate the validity of any certificate or vote, the validity of which they maintain; and in like manner the objectors to any other certificate may select two of their number for a like purpose; but, under this rule, not more than four persons shall speak, and neither side shall occupy more than two hours.

RULE V. Applications for process to compel the attendance of witnesses, or the production of written documentary testimony may be made by counsel on either side, and all process shall be served and executed by the Marshal of the Commission or his deputies. Depositions hereafter taken for use before the Commission shall be sufficiently authenticated if taken before any Commissioner of the Circuit Courts of the United States, or any clerk or deputy clerk of the United States.

RULE VI. Admission to the public sittings of the Commission shall be regulated in such manner as the President of the Commission shall direct.

RULE VII. The Commission will sit, unless otherwise ordered, in the room of the Supreme Court of the United States, and with open doors (excepting when in consultation), unless otherwise directed.

WASHINGTON, D. C., January 31, 1877.

The first case requiring the action of the Commission was that of the electoral vote of Florida. There were three certificates presented to the President of the Senate, two of them certifying—though on different grounds—to the election of the Hayes Electors; one of them having been issued by order of the Supreme Court of Florida some weeks after the meeting of the Electoral College, on account of an alleged defect in the count, and the third certifying to the election of the Tilden Electors, but not signed by the requisite authority. There was also a further question regarding the eligibility of F. C. Humphreys, one of the Hayes Electors, who, it was alleged, was a U. S. Shipping Commissioner when chosen an Elector. After a long and able argument on each side, the Commission voted Feb. 9—eight in the affirmative and seven in the negative—"That the four Hayes Electors were duly appointed, and that the votes cast by them are the votes provided for by the Constitution of the United States; that neither the second or the third certificates presented were the certificates of votes prescribed by the Constitution, and that the evidence did not show that F. C. Humphreys held the office of a Shipping Commissioner of the U. S. at the time of his election."

This decision having been reported to Congress, it was sustained by the Senate: yeas, 44; nays, 24; not voting, 7; and rejected by the House: yeas, 168; nays, 103; not voting, 19; and, according to the Act, was counted, Feb. 10.

The Louisiana case was reached and laid before the Commission Feb. 13, where it was debated till Feb. 16, when the Commission decided, by a vote of eight to seven, that the eight Hayes Electors were the lawful electors of the State of Louisiana, and their votes the votes provided by the Constitution of the

United States, and should be counted for President and Vice-President. This decision, like that in the Florida case, rested on the basis that the Electoral Commission did not possess any more or greater power than the Congress which had created it, and, therefore, had no power to go behind the legally-authorized report of the Returning Board, Board of Canvassers, or other authority prescribed by the State for this purpose.

This decision was reported to Congress on the 16th of February, but was not acted upon until the 19th, when the Senate sustained the decision of the Commission by 41 yeas; nays, 28; not voting, 6. The House rejected it by—yeas, 173; nays, 99; not voting, 18; and the vote was counted Feb. 20. Objection was made to one of the Electors in the Michigan, and one in the Nevada, certificate; but as there was but one certificate in each case, and the objections were evidently invalid, they were not referred to the Commission.

The Oregon case was reached Feb. 21, and referred to the Commission, which reassembled Feb. 22. The arguments on both sides were heard, and on Feb. 23 the Commission decided "That W. H. Odell, John C. Cartwright and John W. Watts, the persons named as Electors in certificate No. 1, were the lawful Electors of the State of Oregon, and that their votes are the votes provided for by the Constitution of the United States, and should be counted for President and Vice-President of the United States." This decision passed by the usual vote of eight yeas and seven nays.

The fact of the election of three Hayes Electors in Oregon was not in dispute, but it was claimed that one of these, J. W. Watts, was a postmaster at the time of his election, and so ineligible; and Gov. Grover had assumed to throw out his name and give the certificate to Messrs. Odell, Cartwright, and E. A. Cronin, who had been Mr. Watts' competitor, but had fallen 1,000 votes short of an election. Thus, while the Secretary of State (the canvassing authority of the State) had certified to the election of Messrs. Odell, Cartwright and Watts, Gov. Grover had certified to the election of Messrs. Odell, Cartwright and Cronin. Mr. Cronin, failing to persuade Messrs. Odell and Cartwright to act with him, had resolved himself into an Electoral College, and had chosen two men who had not been voted for at all, as Electors, and sent—or rather brought in—a third certificate, declaring E. A. Cronin, J. N. T. Miller and John Parker the duly appointed Electors. This certificate was rejected, as was Cronin's appointment, by the entire Commission. On the 24th of February the Senate sustained the decision of the Commission by—yeas, 40; nays, 24; and 11 did not vote. The House rejected it by—yeas, 151; nays, 106; not voting, 33. On the 26th of Feb. objection was made to Electors in the Pennsylvania and Rhode Island Colleges; but as there were only single certificates in each case, they were not referred to the Commission.

The case of South Carolina was reached Feb. 26, and Hon. A. G. Thurman having withdrawn on account of illness from the Commission, Hon. Francis Kernan, of N. Y., was chosen in his place. The case of South Carolina differed from those which had preceded it in some important particulars. Although there were two certificates, it was not seriously contended that the Hayes Electors had not received a majority of votes, but it was urged that, owing to the failure of the Legislature to provide a system of registration, and to the disorders, irregularities and frauds attending the Presidential election, that election should be declared void, and that the State, being at that time under duress from the United States troops stationed there, was incapable of holding a valid election. The Commission, after hearing the arguments, decided unanimously that the Tilden Electoral ticket should be rejected, and, by a vote of eight to seven, that the Hayes Electors were lawful Electors for the State of South Carolina, and that the State was entitled to have her vote counted. The Senate the same day sustained the action of the Commission by—yeas, 39; nays, 22; not voting, 14; and the House rejected it by—yeas, 190; nays, 72; not voting, 28. To the vote was counted.

Objection was made to Electors on the certificates of Vermont and Wisconsin, but these did not come within the provisions of the Commission.

On the morning of March 2, the completion of the count of Electors was reached, and at 4:10 A. M., of that day, Mr. Allison, one of the Tellers on the part of the Senate, announced the result of the footings as 185 votes for the Republican candidates, and 184 votes for the Democratic candidates, whereupon his Honor Thomas W. Ferry, President of the Senate, declared RUTHERFORD B. HAYES, of Ohio, the duly elected President, and WILLIAM A. WHEELER, of New York, the duly elected Vice-President of the United States for the term of four years, commencing on the 4th of March, 1877.

DECLARATION OF INDEPENDENCE.

WHEN, in the course of human events, it becomes necessary for one people to dissolve the political bands which have connected them with another, and to assume among the powers of the earth the separate and equal station to which the laws of nature and of nature's God entitle them, a decent respect to the opinions of mankind requires that they should declare the causes which impel them to the separation. We hold these truths to be self-evident: That all men are created EQUAL; that they are endowed by their CREATOR with certain Unalienable Rights; that among these are Life, Liberty, and the Pursuit of Happiness: That to secure these rights, governments are instituted among men, deriving their just powers from the consent of the governed: That whenever any form of government becomes destructive of these ends, it is the right of the PEOPLE to alter or abolish it, and to institute NEW GOVERNMENT, laying its foundation on SUCH PRINCIPLES, and organizing its powers in SUCH FORM as to them shall seem most likely to effect their SAFETY AND HAPPINESS. Prudence, indeed, will dictate, that governments long established should not be changed for light and transient causes; and accordingly all experience hath shown, that mankind are more disposed to suffer, while evils are sufferable, than to right themselves by abolishing the forms to which they are accustomed. But when a long train of ABUSES and USURPATIONS, pursuing invariably the same object, evinces a design to reduce them under absolute DESPOTISM, it is their right, it is their duty, to throw off SUCH GOVERNMENT, and to provide new guards for their future SECURITY. Such has been the patient sufferance of these Colonies; and such is now the necessity which constrains them to alter their former systems of Government. The history of the present king of GREAT BRITAIN is a history of repeated Injuries and Usurpations, all having in direct object the establishment of an absolute Tyranny over these States. To prove this, let facts be submitted to a candid world. He has refused his assent to Laws, the most wholesome and necessary for the public good. He has forbidden his Governors to pass laws of immediate and pressing importance, unless suspended in their operation till his assent should be obtained; and when so suspended, he has utterly neglected to attend to them. He has refused to pass other Laws for the accomodation of large districts of people, unless those people would relinquish the right of Representation in the Legislature; a right inestimable to them, and formidable to tyrants only. He has called together legislative bodies at places unusual, uncomfortable, and distant from the depository of their Public Records, for the sole purpose of fatiguing them into compliance with his measures. He has dissolved Representative Houses repeatedly, for opposing with manly firmness his invasions on the Rights of the People. He has refused for a long time, after such dissolutions, to cause others to be elected; whereby the Legislative powers, incapable of annihilation, have returned to the people at large for their exercise; the State remaining, in the meantime, exposed to all the dangers of invasion from without, and convulsions within. He has endeavored to prevent the population of these States; for that purpose obstructing the Laws of Naturalization of Foreigners; refusing to pass others to encourage their migrations hither, and raising the conditions of new appropriations of lands. He has obstructed the administration of Justice, by refusing his assent to Laws for establishing Judiciary powers. He has made Judges dependent on his will alone for the tenure of their offices, and the amount and payment of their salaries. He has erected a multitude of new offices, and sent hither swarms of officers to harass our people, and eat out their substance. He has kept among us, in times of peace, Standing Armies, without the consent of our Legislatures.

tures. He has affected to render the military independent of, and superior to, the Civil power. He has combined with others to subject us to a jurisdiction foreign to our Constitution, and unacknowledged by our laws, giving his assent to their acts of Pretended Legislation:—For quartering large bodies of Armed Troops among us:—For protecting them by a Mock Trial, from punishment for any Murders which they should commit on the inhabitants of these States:—For cutting off our Trade with all parts of the world:—For imposing Taxes on us without our consent:—For depriving us, in many cases, of the benefits of TRIAL BY JURY:—For transporting us beyond seas to be tried for pretended Offences:—For abolishing the free system of English Laws in a neighboring Province, establishing therein an Arbitrary Government, and enlarging its boundaries, so as to render it at once an example and fit instrument for introducing the same absolute rule into these Colonies:—For taking away our CHARTERS, abolishing our most valuable Laws, and altering fundamentally the forms of our Governments:—For suspending our own Legislatures, and declaring themselves invested with power to legislate for us in all cases whatsoever. He has abdicated Government here, by declaring us out of his protection, and waging war against us. He has plundered our Seas, ravaged our coasts, burnt our Towns, and destroyed the lives of our People. He is at this time transporting large armies of foreign mercenaries to complete the works of death, desolation, and tyranny, already begun with circumstances of Cruelty and Perfidy, scarcely paralleled in the most BARBAROUS AGES, and totally unworthy the head of a CIVILIZED NATION. He has constrained our fellow-citizens taken captive on the high seas, to bear arms against their country, to become the executioners of their friends and Brethren, or to fall themselves by their hands. He has excited Domestic Insurrection among us, and has endeavored to bring on the inhabitants of our frontiers the merciless Indian Savages, whose known rule of warfare is, an undistinguished destruction of all ages, sexes and conditions. In every stage of these OPPRESSIONS, we have Petitioned for REDRESS in the most humble terms: Our repeated Petitions have been answered only by repeated injury. A Prince, whose character is thus marked by every act which may define a TYRANT, is unfit to be the ruler of a FREE PEOPLE. Nor have we been wanting in attentions to our British brethren. We have warned them, from time to time, of attempts by their legislature to extend an unwarrantable jurisdiction over us. We have reminded them of the circumstances of our emigration and settlement here. We have appealed to their native justice and magnanimity, and we have conjured them by the ties of our common kindred to disavow their usurpations, which would inevitably interrupt our connections and correspondence. They, too, have been deaf to the voice of justice and consanguinity. We must, therefore, acquiesce in the necessity which denounces our SEPARATION, and hold them as we hold the rest of mankind, enemies in War—in Peace, Friends. We, therefore, the Representatives of the United States of America, in General Congress assembled, appealing to the Supreme Judge of the world for the rectitude of our intentions, do, in the name, and by authority of the good people of these Colonies, solemnly publish and declare: That these United Colonies are, and of right ought to be, FREE AND INDEPENDENT STATES; that they are absolved from all allegiance to the British Crown, and that all political connection between them and the State of Great Britain is, and ought to be, *totally dissolved*; and that as FREE AND INDEPENDENT STATES they have full power to levy War, conclude Peace, contract Alliances, establish Commerce, and to do all other Acts and Things which Independent States may of right do. And for the support of this DECLARATION, with a firm reliance on the protection of DIVINE PROVIDENCE, we mutually pledge to each other our LIVES, our FORTUNES, and our sacred HONOR.

CONSTITUTION OF THE UNITED STATES.

We, the people of the United States, in order to form a more perfect Union, establish justice, insure domestic tranquility, provide for the common defense, promote the general welfare, and secure the blessings of liberty to ourselves and our posterity, do ordain and establish this Constitution of the United States of America:

ARTICLE I.—Congress.

SECTION I.—*Legislative Powers.*

1. All legislative powers herein granted shall be vested in a Congress of the United States, which shall consist of a Senate and House of Representatives.

SECTION II.—*House of Representatives.*

1. The House of Representatives shall be composed of members chosen every second year by the people of the several States, and the electors in each State shall have the qualifications requisite for electors of the most numerous branch of the State Legislature.

Qualifications of Members.—Apportionment.

2. No person shall be a Representative who shall not have attained to the age of twenty-five years, and been seven years a citizen of the United States, and who shall not, when elected, be an inhabitant of that State in which he shall be chosen.

3. Representatives and direct taxes shall be apportioned among the several States which may be included within this Union, according to their respective numbers, which shall be determined by adding to the whole number of free persons, including those bound to service for a term of years, and excluding Indians not taxed, three-fifths of all other persons. The actual enumeration shall be made within three years after the first meeting of the Congress of the United States, and within every subsequent term of ten years, in such manner as they shall by law direct. The number of Representatives shall not exceed one for every thirty thousand, but each State shall have at least one Representative; and until such enumeration shall be made, the State of New Hampshire shall be entitled to choose three, Massachusetts eight, Rhode Island and Providence Plantations one, Connecticut five, New York six, New Jersey four, Pennsylvania eight, Delaware one, Maryland six, Virginia ten, North Carolina five, South Carolina five, and Georgia three.

4. When vacancies happen in the representation from any State, the executive authority thereof shall issue writs of election to fill such vacancies.

5. The House of Representatives shall choose their Speaker and other officers, and shall have the sole power of impeachment.

SECTION III.—Senate.

1. The Senate of the United States shall be composed of two Senators from each State, chosen by the Legislature thereof for six years; and each Senator shall have one vote.

2. Immediately after they shall be assembled in consequence of the first election, they shall be divided as equally as may be into three classes. The seats of the Senators of the first class shall be vacated at the expiration of the second year, of the second class at the expiration of the fourth year, and of the third class at the expiration of the sixth year; so that one third may be chosen every second year; and if vacancies happen by resignation, or otherwise, during the recess of the Legislature of any State, the Executive thereof may make temporary appointments, until the next meeting of the Legislature, which shall then fill such vacancies.

3. No person shall be a Senator who shall not have attained to the age of thirty years, and been nine years a citizen of the United States, and who shall not, when elected, be an inhabitant of that State for which he shall be chosen.

4. The Vice-President of the United States shall be President of the Senate, but shall have no vote unless they be equally divided.

5. The Senate shall choose their other officers, and also a President *pro tempore*, in the absence of the Vice-President, or when he shall exercise the office of President of the United States.

6. The Senate shall have the sole power to try all impeachments; when sitting for that purpose, they shall be on oath, or affirmation. When the President of the United States is tried, the Chief Justice shall preside, and no person shall be convicted without the concurrence of two-thirds of the members present.

7. Judgment in cases of impeachment shall not extend farther than to removal from office, and disqualification to hold and enjoy any office of honor, trust, or profit under the United States; but the party convicted shall nevertheless be liable and subject to indictment, trial, judgment and punishment, according to law.

SECTION IV.—*Election of Members.*

1. The times, places, and manner of holding elections for Senators and Representatives, shall be prescribed in each State by the Legislature thereof, but the Congress may at any time by law make or alter such regulations, except as to the places of choosing Senators.

2. The Congress shall assemble at least once in every year, and such meeting shall be on the first Monday in December, unless they shall by law appoint a different day.

SECTION V.—*Powers of each House.*

1. Each House shall be the judge of the elections, returns, and qualifications of its own members, and a majority of each shall constitute a quorum to do business; but a smaller number may adjourn from day to day, and may be authorized to compel the attendance of absent members, in such manner, and under such penalties, as each House may provide.

2. Each House may determine the rules of its proceedings, punish its members for disorderly behavior, and, with the concurrence of two-thirds, expel a member.

3. Each House shall keep a journal of its proceedings, and from time to time publish the same, excepting such parts as may in their judgment require secrecy; and the yeas and nays of the members of either House on any question shall, at the desire of one-fifth of those present, be entered on the journal.

4. Neither House, during the session of Congress, shall, without the consent of the other, adjourn for more than three days, nor to any other place than that in which the two Houses shall be sitting.

SECTION VI.—*Compensation, Privileges, Etc.*

1. The Senators and Representatives shall receive a compensation for their services, to be ascertained by law, and paid out of the Treasury of the United States. They shall, in all cases, except treason, felony and breach of peace, be privileged from arrest during their attendance at the session of their respective Houses, and in going to and returning from the same; and for any speech or debate in either House, they shall not be questioned in any other place.

2. No Senator or Representative shall, during the time for which he was elected, be appointed to any civil office under the authority of the United States, which shall have been created, or the emoluments whereof shall have been increased during such time; and no person holding any office under the United States, shall be a member of either House during his continuance in office.

SECTION VII.—*Bills and Resolutions, Etc.*

1. All bills for raising revenue shall originate in the House of Representatives; but the Senate may propose, or concur with amendments, as on other bills.

2. Every bill which shall have passed the House of Representatives and the Senate, shall, before it becomes a law, be presented to the President of the United States; if he approve he shall sign it, but if not he shall return it, with his objections, to that House in which it shall have originated, who shall enter the objections at large on their journal, and proceed to reconsider it. If, after such reconsideration, two-thirds of that House shall agree to pass the bill, it shall be sent,

together with the objections, to the other House, by which it shall, likewise, be reconsidered; and if approved by two-thirds of that House, it shall become a law. But in all such cases the votes of both Houses shall be determined by yeas and nays, and the names of the persons voting for and against the bill shall be entered on the journal of each House respectively. If any bill shall not be returned by the President within ten days (Sundays excepted) after it shall have been presented to him, the same shall be a law in like manner as if he had signed it, unless the Congress by their adjournment prevent its return, in which case it shall not be a law.

3. Every order, resolution, or vote, to which the concurrence of the Senate and House of Representatives may be necessary (except on a question of adjournment,) shall be presented to the President of the United States; and before the same shall take effect shall be approved by him, or being disapproved by him, shall be repassed by two-thirds of the Senate and House of Representatives, according to the rules and limitations prescribed in the case of a bill.

SECTION VIII.—*Powers of Congress.*

1. The Congress shall have power to lay and collect taxes, duties, imposts and excises to pay the debts and provide for the common defense and general welfare of the United States; but all duties, imposts and excises, shall be uniform throughout the United States.
2. To borrow money on the credit of the United States.
3. To regulate commerce with foreign nations, and among the several States, and with the Indian tribes.
4. To establish a uniform rule of naturalization, and uniform laws on the subject of bankruptcies throughout the United States.
5. To coin money, regulate the value thereof, and of foreign coin, and fix the standard of weights and measures.
6. To provide for the punishment of counterfeiting the securities and current coin of the United States.
7. To establish post-offices and post roads.
8. To promote the progress of science and useful arts, by securing for limited times to authors and inventors the exclusive right to their respective writings and discoveries.
9. To constitute tribunals inferior to the Supreme Court.
10. To define and punish piracies and felonies committed on the high seas, and offences against the law of nations.
11. To declare war, grant letters of marque and reprisal, and make rules concerning captures on land and water.
12. To raise and support armies, but no appropriation of money to that use shall be for a longer term than two years.
13. To provide and maintain a navy.

14. To make rules for the government and regulation of the land and naval forces.

15. To provide for calling forth the militia to execute the laws of the Union, suppress insurrections and repel invasions.

16. To provide for organizing, arming and disciplining the militia, and for governing such part of them as may be employed in the service of the United States, reserving to the States, respectively, the appointment of the officers and the authority of training the militia according to the discipline prescribed by Congress.

17. To exercise exclusive legislation, in all cases whatsoever, over such district (not exceeding ten miles square) as may, by cession of particular States, and the acceptance of Congress, become the seat of the Government of the United States, and to exercise like authority over all places purchased by the consent of the Legislature of the State in which the same shall be, for the erection of forts, magazines, arsenals, dock-yards, and other needful buildings ; and,

18. To make all laws which shall be necessary and proper for carrying into execution the foregoing powers, and all other powers vested by this Constitution in the Government of the United States, or in any department thereof.

SECTION IX.—*Prohibitions and Privileges.*

1. The migration or importation of such persons as any of the States now existing shall think proper to admit, shall not be prohibited by the Congress prior to the year 1808, but a tax or duty may be imposed on such importation, not exceeding ten dollars on each person.

2. The privilege of the writ of *Habeas Corpus* shall not be suspended, unless when in cases of rebellion or invasion the public safety may require it.

3. No bill of attainder or *ex-post facto* law shall be passed.

4. No capitation or other direct tax shall be laid, unless in proportion to the census or enumeration herein before directed to be taken.

5. No tax or duty shall be laid on articles exported from any State.

6. No preference shall be given by any regulation of commerce or revenue to the ports of one State over those of another; nor shall vessels bound to, or from, one State, be obliged to enter, clear, or pay duties in another.

7. No money shall be drawn from the Treasury but in consequence of appropriation made by law; and a regular statement and account of the receipts and expenditures of all public money shall be published from time to time.

8. No title of nobility shall be granted by the United States; and no person holding any office of profit or trust under them, shall, with-

out the consent of the Congress, accept of any present, emolument, office, or title of any kind whatever, from any king, prince, or foreign state.

SECTION X.—*State Restrictions.*

1. No State shall enter into any treaty, alliance, or confederation ; grant letters of marque and reprisal, coin money, emit bills of credit, make anything but gold and silver coin a tender in payment of debts, pass any bill of attainder, *ex-post facto* law, or law impairing the obligation of contracts, or grant any title of nobility.

2. No State shall, without the consent of the Congress, lay any imposts or duties on imports or exports, except what may be absolutely necessary for executing its inspection laws, and the net produce of all duties and imposts, laid by any State on imports or exports, shall be for the use of the Treasury of the United States ; and all such laws shall be subject to the revision and control of the Congress.

3. No State shall, without the consent of Congress, lay any duty on tonage, keep troops, or ships of war in time of peace, enter into any agreement or compact with another State, or with a foreign power, or engage in war, unless actually invaded, or in such imminent danger as will not admit of delay.

ARTICLE II.—President.

1. The executive power shall be vested in a President of the United States of America. He shall hold his office during the term of four years, and together with the Vice-President, chosen for the same term, be elected as follows :

2. Each State shall appoint, in such manner as the Legislature thereof may direct, a number of Electors, equal to the whole number of Senators and Representatives to which the State may be entitled in the Congress ; but no Senator or Representative, or person holding an office of trust or profit under the United States, shall be appointed an Elector.

3. The electors shall meet in their respective States, and vote by ballot for two persons, of whom one, at least, shall not be an inhabitant of the same State with themselves. And they shall make a list of all the persons voted for, and of the number of votes for each ; which list they shall sign and certify, and transmit sealed to the seat of the Government of the United States, directed to the President of the Senate. The President of the Senate shall, in the presence of the Senate and House of Representatives, open all the certificates, and the votes shall then be counted. The person having the greatest number of votes shall be the President, if such number be a majority of the whole number of electors appointed ; and if there be more than one who have such majority, and have an equal number of

votes, then the House of Representatives shall immediately choose by ballot one of them for President; and if no person have a majority, then from the five highest on the list the said House shall in like manner choose the President. But in choosing the President, the votes shall be taken by States, the representation from each State having one vote; a quorum for this purpose shall consist of a member or members from two-thirds of the States, and a majority of all the States shall be necessary to a choice. In every case, after the choice of the President, the person having the greatest number of votes of the electors shall be the Vice-President. But if there should remain two or more who have equal votes, the Senate shall choose from them by ballot the Vice-President.]

[*This clause altogether altered and supplied by the XII Amendment.*]

4. The Congress may determine the time of choosing the Electors, and the day on which they shall give their votes, which day shall be the same throughout the United States.

5. No person, except a natural born citizen, or a citizen of the United States at the time of the adoption of this Constitution, shall be eligible to the office of President; neither shall any person be eligible to that office who shall not have attained to the age of thirty-five years, and been fourteen years a resident within the United States.

6. In case of the removal of the President from office, or of his death, resignation, or inability to discharge the powers and duties of the said office, the same shall devolve on the Vice-President, and the Congress may by law provide for the case of removal, death, resignation, or inability both of the President and Vice-President, declaring what officer shall then act as President, and such officer shall act accordingly, until the disability be removed, or a President shall be elected.

7. The President shall, at stated times, receive for his services a compensation, which shall neither be increased nor diminished during the period for which he shall have been elected, and he shall not receive within that period any other emolument from the United States or any of them.

8. Before he enter on the execution of his office, he shall take the following oath or affirmation:

"I do solemnly swear (or affirm) that I will faithfully execute the office of President of the United States, and will, to the best of my ability, preserve, protect, and defend the Constitution of the United States."

SECTION II.—*Powers of the President.*

1. The President shall be commander-in-chief of the army and navy of the United States, and of the militia of the several States,

when called into the actual service of the United States; he may require the opinion, in writing, of the principal officer in each of the executive departments upon any subject relating to the duties of their respective offices, and he shall have power to grant reprieves and pardons for offenses against the United States, except in cases of impeachment.

2. He shall have power, by and with the advice and consent of the Senate, to make treaties, provided two-thirds of the Senators present concur; and he shall nominate, and by and with the advice and consent of the Senate, shall appoint ambassadors, other public ministers and consuls, judges of the Supreme Court, and all other officers of the United States whose appointments are not herein otherwise provided for, and which shall be established by law; but the Congress may by law vest the appointment of such inferior officers as they think proper in the President alone, in the courts of law, or in the heads of departments.

3. The President shall have power to fill up all vacancies that may happen during the recess of the Senate, by granting commissions which shall expire at the end of their next session.

SECTION III.—*Duties of the President.*

1. He shall from time to time give to the Congress information of the state of the Union, and recommend to their consideration such measures as he shall judge necessary and expedient; he may, on extraordinary occasions, convene both Houses, or either of them, and, in case of disagreement between them, with respect to the time of adjournment, he may adjourn them to such time as he shall think proper; he shall receive ambassadors and other public ministers; he shall take care that the laws be faithfully executed, and shall commission all the officers of the United States.

SECTION IV.—*Impeachment of Officers.*

1. The President, Vice-President, and all civil officers of the United States, shall be removed from office on impeachment for, and conviction of, treason, bribery, or other high crimes and misdemeanors.

ARTICLE III.—*Judiciary.*

SECTION I.—*Courts—Judges.*

1. The Judicial power of the United States shall be vested in one Supreme Court, and in such inferior Courts as the Congress may from time to time ordain and establish. The Judges, both of the Supreme and inferior Courts, shall hold their offices during good behavior, and shall, at stated times, receive for their services a compensation which shall not be diminished during their continuance in office.

SECTION II.—Judicial Powers—Civil—Criminal.

1. The judicial power shall extend to all cases in law and equity, arising under this Constitution, the laws of the United States, and treaties made, or which shall be made under their authority ; to all cases affecting ambassadors, other public ministers, and consuls ; to all cases of admiralty and maritime jurisdiction ; to controversies to which the United States shall be a party ; to controversies between two or more States—between a State and the citizens of another State—between citizens of different States—between citizens of the same State claiming lands under grants of different States—and between a State, or the citizens thereof, and foreign States, citizens or subjects.

2. In all cases affecting ambassadors, other public ministers and consuls, and those in which a State shall be a party, the Supreme Court shall have original jurisdiction. In all the other cases before mentioned, the Supreme Court shall have appellate jurisdiction, both as to the law and fact, with such exceptions; and under such regulations as the Congress shall make.

3. The trial of all crimes, except in cases of impeachment, shall be by jury ; and such trial shall be held in the State where the said crimes shall have been committed ; but when not committed within any State, the trial shall be at such place or places as the Congress may by law have directed.

SECTION III.—Treason.

1. Treason against the United States shall consist only in levying war against them, or in adhering to their enemies, giving them aid and comfort. No person shall be convicted of treason unless on the testimony of two witnesses to the same overt act, or on confession in open court.

2. The Congress shall have power to declare the punishment of treason, but no attainder of treason shall work corruption of blood, or forfeiture, except during the life of the person attained.

ARTICLE IV.—State Rights.**SECTION I.—Restitution and Privileges.**

1. Full faith and credit shall be given in each State to the public acts, records, and judicial proceedings of every other State. And the Congress may by general laws prescribe the manner in which such acts, records and proceedings shall be proved, and the effect thereof.

SECTION II.—Privilege of Citizens.

1. The citizens of each State shall be entitled to all privileges and immunities of citizens in the several States.

2. A person charged in any State with treason, felony, or other crime, who shall flee from justice, and be found in another State, shall

on demand of the Executive authority of the State from which he fled, be delivered up, to be removed to the State having jurisdiction of the crime.

3. No person held to service or labor in one State under the laws thereof, escaping into another, shall, in consequence of any law or regulation therein, be discharged from such service or labor, but shall be delivered up on claim of the party to whom such service or labor may be due.

SECTION III.—*New States.*

1. New States may be admitted by the Congress into this Union; but no new State shall be formed or erected within the jurisdiction of any other State; nor any State be formed by the junction of two or more States, or parts of States, without the consent of the Legislatures of the States concerned, as well as of the Congress.

2. The Congress shall have power to dispose of and make all needful rules and regulations respecting the territory or other property belonging to the United States, and nothing in this Constitution shall be so construed as to prejudice any claims of the United States, or of any particular State.

SECTION IV.—*State Governments—Republican.*

1. The United States shall guarantee to every State in this Union a republican form of Government, and shall protect each of them against invasion; and on application of the Legislature, or of the Executive (when the Legislature cannot be convened), against domestic violence.

ARTICLE V.—*Amendments.*

1. The Congress, whenever two-thirds of both Houses shall deem it necessary, shall propose amendments to this Constitution, or, on the application of the Legislatures of two-thirds of the several States, shall call a convention for proposing amendments, which, in either case, shall be valid to all intents and purposes, as part of this Constitution when ratified by the Legislatures of three-fourths of the several States, or by conventions in three-fourths thereof, at the one or the other mode of ratification may be proposed by the Congress; provided that no amendment which may be made prior to the year 1808 shall in any manner affect the first and fourth clauses in the ninth section of the first article; and that no State, without its consent, shall be deprived of its equal suffrage in the Senate.

ARTICLE VI.—*Debts.*

1. All debts contracted, and engagements entered into, before the adoption of this Constitution, shall be as valid against the United States under this Constitution, as under the confederation.

2. This Constitution, and the laws of the United States which shall be made in pursuance thereof; and all treaties made, or which shall

be made, under the authority of the United States, shall be the supreme law of the land ; and the judges in every State shall be bound thereby, anything in the Constitution or laws of any State to the contrary notwithstanding.

3. The Senators and Representatives before mentioned, and the members of the several State Legislatures, and all executive and judicial officers, both of the United States and of the several States, shall be bound, by oath or affirmation, to support this Constitution ; but no religious test shall ever be required as a qualification to any office or public trust under the United States.

ARTICLE VII.—Ratification.

1. The ratification of the conventions of nine States shall be sufficient for the establishment of this Constitution between the States so ratifying the same.

Done in Convention, by the unanimous consent of the States present, the seventeenth day of September, in the year of our Lord, one thousand seven hundred and eighty-seven, and of the Independence of the United States of America, the Twelfth.

In witness whereof, we have hereunto subscribed our names.

GEORGE WASHINGTON,

ATTEST : President, and Deputy from Virginia.

Wm. JACKSON, Secretary.

AMENDMENTS.

Articles in addition to, and amendment of the Constitution of the United States of America, proposed by Congress, and ratified by the Legislatures of the several States, pursuant to the Fifth article of the original Constitution.

ARTICLE I.

Congress shall make no law respecting an establishment of religion, or prohibiting the free exercise thereof ; or abridging the freedom of speech, or of the press ; or the right of the people peaceably to assemble, and to petition the Government for a redress of grievances.

ARTICLE II.

A well regulated militia being necessary to the security of a free State, the right of the people to keep and bear arms shall not be infringed.

ARTICLE III.

No soldier shall, in time of peace, be quartered in any house without the consent of the owner, nor in time of war but in a manner to be prescribed by law.

ARTICLE IV.

The right of the people to be secure in their persons, houses, papers

and effects, against unreasonable searches and seizures, shall not be violated ; and no warrants shall issue, but upon probable cause, supported by oath or affirmation; and particularly describing the place to be searched, and the persons or things to be seized.

ARTICLE V.

No person shall be held to answer for a capital or otherwise infamous crime, unless on a presentment or indictment of a grand jury, except in cases arising in the land or naval forces, or in the militia when in actual service, in time of war or public danger ; nor shall any person be subject, for the same offense, to be twice put in jeopardy of life or limb ; nor shall be compelled in any criminal case to be a witness against himself ; nor be deprived of life, liberty or property, without due process of law ; nor shall private property be taken for public use without just compensation.

ARTICLE VI.

In all criminal prosecutions, the accused shall enjoy the right to a speedy and public trial by an impartial jury of the State and district wherein the crime shall have been committed, which district shall have been previously ascertained by law ; and to be informed of the nature and cause of the accusation ; to be confronted with the witnesses against him ; to have compulsory process for obtaining witnesses in his favor ; and to have the assistance of counsel for his defense.

ARTICLE VII.

In suits at common law, where the value in controversy shall exceed twenty dollars, the right of trial by jury shall be preserved ; and no fact tried by a jury shall be otherwise re-examined in any court of the United States, than according to the rules of the common law.

ARTICLE VIII.

Excessive bail shall not be required, nor excessive fines imposed, nor cruel and unusual punishments inflicted.

ARTICLE IX.

The enumeration in the Constitution of certain rights shall not be construed to deny or disparage others retained by the people.

ARTICLE X.

The powers not delegated to the United States by the Constitution, nor prohibited by it to the States, are reserved to the States respectively, or to the people.

ARTICLE XI.

The judicial power of the United States shall not be construed to extend to any suit in law or equity commenced or prosecuted against one of the United States, by citizens of another State, or by citizens or subjects of any foreign State.

ARTICLE XII.

The Electors shall meet in their respective States, and vote by ballot for President and Vice-President, one of whom, at least, shall not be an inhabitant of the same State with themselves; they shall name in their ballots the person voted for as President, and in distinct ballots the person voted for as Vice-President, and they shall make distinct lists of all persons voted for as President, and of all persons voted for as Vice-President, and of the number of votes for each, which lists they shall sign and certify, and transmit, sealed, to the seat of the Government of the United States, directed to the President of the Senate; the President of the Senate shall, in presence of the Senate and House of Representatives, open all the certificates, and the votes shall then be counted. The person having the greatest number of votes for President shall be the President, if such number be a majority of the whole number of Electors appointed; and if no person have such majority, then from the persons having the highest numbers, not exceeding three, on the list of those voted for as President, the House of Representatives shall choose immediately, by ballot, the President. But in choosing the President, the votes shall be taken by States, the representation from each State having one vote; a quorum for this purpose shall consist of a member or members from two-thirds of the States, and a majority of all the States shall be necessary to a choice. And if the House of Representatives shall not choose a President whenever the right of choice shall devolve upon them, before the fourth day of March next following, then the Vice-President shall act as President, as in case of the death or other constitutional disability of the President.

The person having the greatest number of votes as Vice-President shall be the Vice-President, if such number be a majority of the whole number of Electors appointed, and if no person have a majority, then from the two highest numbers on the list the Senate shall choose the Vice-President; a quorum for the purpose shall consist of two-thirds of the whole number of Senators, and a majority of the whole number shall be necessary to a choice.

But no person constitutionally ineligible to the office of President, shall be eligible to that of Vice-President of the United States.

[An article intended as a thirteenth amendment to the Constitution was proposed at the Second Session of the Eleventh Congress, but was not ratified by a sufficient number of States to become valid as a part of the Constitution. It is erroneously given in an edition of the Laws of the United States, published by Bioren and Duane in 1815.]

[NOTE.—The eleventh article of the amendments to the Constitution was proposed at the Second Session of the Third Congress; the twelfth article, at the First Session of the Eighth Congress; and the thirteenth article at the Second Session of the Eleventh Congress.]

ARTICLE XIII.

Neither slavery nor involuntary servitude, except as a punishment for crime, whereof the party shall have been duly convicted, shall exist within the United States, or any place subject to their jurisdiction.

ARTICLE XIV.

SECTION 1. All persons born or naturalized in the United States, and subject to the jurisdiction thereof, are citizens of the United States, and of the State wherein they reside. No State shall make or enforce any law which shall abridge the privileges or immunities of citizens of the United States; nor shall any State deprive any person of life, liberty, or property, without due process of law, nor deny to any person within its jurisdiction the equal protection of the laws.

SEC. 2. Representatives shall be apportioned among the several States according to their respective numbers, counting the whole number of persons in each State, excluding Indians not taxed. But when the right to vote at any election for the choice of electors for President and Vice-President of the United States, representatives in Congress, the executive and judicial officers of a State, or the members of the Legislature thereof, is denied to any of the male inhabitants of such State, being twenty-one years of age, and citizens of the United States, or in any way abridged, except for participation in rebellion or other crime, the basis of representation therein shall be reduced in the proportion which the number of such male citizens shall bear to the whole number of male citizens twenty-one years of age in such State.

SEC. 3. No person shall be a Senator or Representative in Congress, or elector of President and Vice-President, or hold any office, civil or military, under the United States, or under any State, who, having previously taken an oath, as a member of Congress, or as an officer of the United States, or as a member of any State Legislature, or as an executive or judicial officer of any State, to support the Constitution of the United States, shall have engaged in insurrection or rebellion against the same, or given aid or comfort to the enemies thereof. But Congress may, by a vote of two-thirds of each House, remove such disability.

SEC. 4. The validity of the public debt of the United States, authorized by law, including debts incurred for payment of pensions and bounties for services in suppressing insurrection or rebellion, shall not be questioned. But neither the United States nor any State shall assume or pay any debt or obligation incurred in aid of insurrection or rebellion against the United States, or any claim for the loss or

emancipation of any slave ; but all such debts, obligations and claims shall be held illegal and void.

SEC. 5. The Congress shall have power to enforce, by appropriate legislation, the provisions of this article.

ARTICLE XV.

SECTION 1. The right of citizens of the United States to vote shall not be denied or abridged by the United States, or by any State, on account of race or color, or previous condition of servitude.

SEC. 2. The Congress shall have power to enforce this article by appropriate legislation.



AGRICULTURAL STATISTICS, 1870-1878.

I.—CROPS.

1. INDIAN CORN—In this crop Illinois ranks first; Iowa, second; Missouri, third; Kansas, fourth.

Years.	Bushels.	Acres.	Value.	Yield	Price.	Value per Acre.
1870.....	1,094,255,000	38,646,975	\$601,839,030	28 3	\$0 54 9	\$15 57
1871.....	991,898,000	34,091,137	478,275,000	29 1	48 2	14 02
1872.....	1,092,719,00	35,526,836	435,149,290	30 7	39 8	12 24
1873.....	932,274,000	39,197,148	447,083,020	23 8	48 0	11 41
1874.....	850,148,500	41,036,918	550,043,060	20 7	64 7	13 49
1875.....	1,311,069,000	44,841,371	555,445,030	20 4	42 0	12 38
1876.....	1,283,827,500	39,033,364	475,491,210	26 1	37 0	9 69
1877.....	1,342,558,000	50,369,113	480,643,400	26 6	35 8	9 54
1878.....	1,371,000,000	51,401,000	436,800,000	26 7	31 9	9 04
Total.....	10,279,749,000	384,151,864	\$4,460,870,860	26 7	44 7	\$11 92
Average.....	1,141,194,333	42,083,540	\$495,652,318	26.7	44.7	\$11 92

2. WHEAT—Iowa and Minnesota lead on the wheat crop; Illinois and California not far behind.

Years.	Bushels.	Acres.	Value.	Yield	Price.	Value per Acre.
1870.....	235,884,700	18,992,591	\$245,865,045	12 4	\$1 04 2	\$12 94
1871.....	230,722,400	19,943,893	190,411,820	11 5	1 25 r	14 50
1872.....	219,997,100	20,858,359	310,180,375	11 9	1 24 0	11 87
1873.....	221,254,700	22,171,076	323,594,05	12 7	1 15 0	14 50
1874.....	308,102,700	24,007,027	291,107,895	12 3	94 4	11 68
1875.....	292,136,000	26,331,518	234,580,490	11 0	1 00 0	11 13
1876.....	239,356,500	27,627,021	300,25 300	10 4	1 03 7	10 82
1877.....	305,094,800	26,193,407	395,155,375	13 9	1 08 2	15 08
1878.....	422,000,000	28,492,000	329,000,005	14 2	78 2	10 97
Total.....	2,674,550,900	215,758,486	\$2,780,155,605	12 2	\$0 97 3	\$12 95
Average.....	271,172,322	23,973,165	\$308,906,178	12.2	\$0 97 3	\$12 95

3. OATS—Illinois takes the lead on this crop; New York follows, and then Iowa and Pennsylvania.

Years.	Bushels.	Acres.	Value.	Yield	Price.	Value per Acre.
1870.....	247,277,400	8,792,395	\$107,136,710	28 1	\$0 43 3	\$12 18
1871.....	235,743,000	8,365,869	102,570,030	30 5	40 1	12 38
1872.....	271,747,000	9,000,769	91,315,710	30 1	33 6	10 14
1873.....	210,340,000	9,751,700	101,175,750	27 7	37 4	10 37
1874.....	240,369,000	10,897,412	125,047,530	20 0	52 0	11 47
1875.....	354,317,600	11,913,075	129,499,930	29 7	36 5	10 46
1876.....	320,884,000	13,358,908	112,865,90	24 0	35 1	8 44
1877.....	406,394,500	12,826,148	114,661,550	31 6	29 2	9 23
1878.....	411,855,500	13,176,000	140,544,000	30 9	96 0	11 07
Total.....	2,779,326,900	98,084,216	\$1,028,817,110	28 4	\$0 33 1	\$10 67
Average.....	308,815,211	10,878,246	\$114,313,012	28.4	\$0 38 1	\$10 67

4. BARLEY—California, New York and Iowa are the States which raise the largest part of the Barley crop.

Years.	Bushels.	Acres.	Value.	Yield	Price.	Value per Acre.
1870	26,295,400	1,103,924	\$22,244,584	23 7	\$0 84 5	\$20 03
1871	26,718,500	1,177,666	21,541,771	22 6	\$0 86 5	18 29
1872	26,846,400	1,397,082	19,837,771	19 2	\$1 08 5	14 19
1873	32,044,491	1,387,106	20,333,121	23 1	\$1 15 5	21 15
1874	32,532,00	1,590,626	29,984,741	20 0	\$1 21 5	18 96
1875	36,108,600	1,749,902	29,952,081	20 0	\$1 1 1	16 73
1876	38,710,500	1,766,511	25,735,110	21 1	\$6 4 5	14 56
1877	34,441,400	1,611,654	22,028,641	21 1	\$3 9 5	13 61
1878	42,000,000	1,790,050	26,166,000	23 4	\$2 8 5	14 63
Total.....	296,517,791	13,612,471	\$246,823,268	.....	.....	.....
Average.....	31,814,724	1,477,801	\$23,082,158	22 3	\$0 77 3	\$16 91

5. EYE—Pennsylvania, New York, Illinois, Wisconsin and Kansas are in their order the principal States engaged in raising this crop.

Years.	Bushels.	Acres.	Value.	Yield	Price.	Value per Acre.
1870	15,473,000	1,176,137	\$12,012,005	13 1	\$0 81 5	\$10 73
1871	15,365,500	1,069,531	12,145,646	11 3	\$0 79 0	11 35
1872	14,8-8,600	1,048,654	11,363,031	14 1	\$0 76 3	10 83
1873	15,142,000	1,150,355	11,548,136	13 1	\$0 76 2	10 04
1874	14,990,000	1,116,716	12,670,411	13 4	\$0 85 8	11 53
1875	17,722,100	1,351,588	13,631,900	13 0	\$0 76 9	10 03
1876	20,374,800	1,468,374	13,635,826	13 8	\$0 69 2	9 23
1877	21,170,100	1,412,902	12,542,895	14 9	\$0 59 2	8 87
1878	25,290,000	1,621,000	16,847,400	15 9	\$0 55 3	10 39
Total.....	160,927,600	11,423,453	\$117,198,502	.....	.....	.....
Average.....	17,8,0,844	1,269,272	\$13,022,036	13 9	\$0 74 1	\$10 33

6. BUCKWHEAT—This is not a large crop, nor is it rapidly extending; about four-fifths of the whole is grown in New England, New York, and Pennsylvania, and most of the remainder in three or four of the north-western States.

Years.	Bushels.	Acres.	Value.	Yield	Price.	Value per Acre.
1870	9,841,500	536,992	\$7,725,044	18 3	\$0 78 4	\$14 33
1871	8,328,700	413,915	6,900,261	20 1	\$0 82 8	16 67
1872	8,133,500	448,497	6,747,611	18 1	\$0 82 9	15 04
1873	7,837,700	454,152	6,382,041	17 2	\$0 84 4	14 05
1874	8,016,600	452,590	6,477,881	17 7	\$0 80 8	14 31
1875	10,082,100	573,530	7,166,267	17 5	\$1 0 0	12 43
1876	9,668,800	666,441	7,021,498	14 5	\$2 6 6	10 53
1877	10,177,000	649,923	6,998,110	15 6	\$0 68 7	10 76
18 8	12,247,000	673,000	7,225,230	18 2	\$0 69 0	10 74
Total.....	84,332,900	4,871,040	\$62,816,663	.....	.....	.....
Average.....	9,370,322	541,326	\$6,970,021	17 4	\$0 75 3	\$13 21

7. POTATOES—New York takes the lead in the Potato crop, and Pennsylvania, Wisconsin and Ohio follow, but the crop is a large one in most of the north-eastern States.

Years.	Bushels.	Acrea.	Value.	Yield	Price.	Value per Acre.
1870.....	114,775,000	1,325,119	\$82,668,59	86.6	\$0 72 0	\$62 38
1871.....	120,461,700	1,220,912	71,836,671	98.6	59 6	58 83
1872.....	113,516,000	1,331,331	68,091,120	85.2	59 9	51 14
1873.....	108,089,000	1,295,139	74,714,89	81.9	50 5	57 73
1874.....	105,981,000	1,310,041	71,821,33	70.9	67 7	54 82
1875.....	166,877,000	1,510,041	50,019,42	110.5	39 9	43 05
1876.....	124,827,00	1,741,983	83,861,390	71.6	65 5	48 14
1877.....	170,092,000	1,792,287	76,249,500	94.9	44 8	42 54
1878.....	124,027,000	1,827,000	73,000,000	70.3	58 8	41 23
Total.....	1,146,645,700	14,053,853	\$667,324,771	.....	.....	.....
Average.....	127,405,077	1,561,539	\$74,147,212	86.7	\$0 59 7	\$51 10

8. HAY—New York leads in this great crop, and Illinois and Pennsylvania follow.

We give only the statistics of 1876 and 1877, those of 1878 and the early years of this decade being unreliable.

Years.	Tons.	Acres.	Value.	Yield	Price.	Value per Acre.
1876.....	30,876,300	24,760,605	\$300,901,000	Tons. 1 24	\$0 9 7	\$12 13
1877.....	31,629,300	25,367,708	271,934,950	1 32	8 60	10 73
Total.....	62,505,600	50,137,313	\$572,835,950	.....	.....	.....
Average.....	31,252,800	25,068,650	\$286,417,975	1.28	\$0 9.1	\$11 44

9. COTTON—This product being only reported at the ports whence it is shipped, it is difficult to ascertain the exact product of each State. We give, therefore, only the gross amount of the crops and their values, premising that Cotton is grown as a marketable crop only in North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, Texas, Arkansas, Tennessee and Southern Missouri. A few bales may be grown one or two degrees further north, but not enough to produce any effect upon the market.

Years.	Bales Produced	Value.	Average Price per Pound.	Amount Exported.	Value of Exports.	Am't retained for Home Consumption.	Value.
Sept. 1, 1876-7.....	4,811,265	\$212,000,000	12 25	3,346,640	\$171,18,508	1,463,625	\$71,000,000
Sept. 1, 1877-8.....	5,200,000	194,000,000	8 25	3,785,000	145,500,000	1,415,000	48,500,000
Total.....	10,011,265	\$436,000,000	.....	7,131,640	\$316,618,508	2,878,625	\$119,005,200
Average.....	5,005,332	.....	.....	.....	.....	.....	.....

10. TOBACCO—All the chewing, and a large proportion of the smoking tobacco and snuff used in this country are produced on our own soil, while about two thirds of the cigars and cigarettes are made here from native tobacco, the other third being imported either in the manufactured or unmanufactured state.

Years	Tobacco Crop of the Year.	Value of Crop.	Amount returned for Rev. Tax.	Amount of Tax.	Price per lb.	Amount of Tobacco Imported	Value of Imports	Amount Tobacco Exported	Value of Exports.	
1872	408,000,000	\$3,220,000		Lbs. Manufactured on Manuf. Tob. Tob. & Snuff and Dealers in No. of Cigars on Cigars &c. & Cigaret's. and Manuf's. 1,967,959, & 2	12 .615.11 0	\$23,675,276	16 0 6,663,843	6,812,496	120174377	28,547,862
1873	559,000,000	45,217,000		Lbs. Manufactured on Manuf. Tob. Tobacco.	119,796,127	28,526,823	12 5 6,598,410	6,081,647	759,798	547,278
1874	450,000,000	38,437,000		No Cigars on Cigars &c. & Cigaret's. and Manuf's. 1,908,141, & 70	11,208,517	599,086	Lbs. Tobacco, &c.	Re-Expt Re-Exp'ts 106,393	39c,273	
1875	332,000,000	22,000,000		Lbs. Manufactured on Manuf. Tob. Tobacco. and Dealers in 127,481,149	29,818,097	8.3 7,188,718	5,730,966	149347670	32,079,047	
				No. Cigars on Cigars &c. & Cigaret's. and Manuf's. 1,958,391,482	11,224,630			Re-Expt Re-Exp'ts 266,01	222,315	
1876	332,000,000	22,000,000		Lbs. Manufactured on Manuf. Tob. Tobacco. and Dealers in 119,406,588	28,204,045	5.6 8,003,641	6,439,868	28338C557	28,484,493	
				No. Cigars on Cigars &c. & Cigaret's. and Manuf's. 2,012,356,362	11,887,740			Re-Expt Re-Exp'ts 404,421	313,691	

* Besides Cigars and other manufactures of Tobacco, to the value of \$2,804,975. † Besides 332,000 Cigars. ; Besides 2,000,000 Cigars and other manufactures of Tobacco, to the value of \$3,673,492. § Besides a large number of Cigars and other forms of manufactured Tobacco, valued at \$3,228,743.

11. **Rice.**—This crop has passed through great fluctuations within the past thirty years, both in the quantity produced and the districts in which it is grown. Formerly the crop was very large, and was almost wholly produced on the Atlantic coast, in the States of South Carolina and Georgia, and in a small district of lower North Carolina, and ranged from 200 to 215 millions of pounds. Now, the total product in the best years, does not exceed 85,000,-000 pounds, of which about one-half is grown in Louisiana.

Years	Amount of Crops.	Value of Crop.	Price per lb.	Imports.	Value.	Re-Exports.	Value	Domestic Exports	Value	Domestic Exports	Total Exports.	Total Value Expta.
	Pounds.	\$	Cts.	Pounds.	\$	Pounds.	\$	Pounds.	\$	Pounds.	\$	
1869	73,635,000	5,154,450	7.00	53,065,191	1,325,234	8,846,64	284632	2,232,833	145934	11,101,497	430466	
1870	50,244,000	3,517,090	7.00	43,121,939	1,007,612	15,212,833	454316	2,133,014	127655	17,345,847	681971	
1871	39,350,000	3,361,150	8.50	64,655,827	1,876,786	10,21,320	280463	445,842	22502	10,658,762	302965	
1872	42,636,300	3,517,493	8.25	74,642,631	3,317,172	12,651,959	378996	403,835	2,668	13,055,744	407764	
1873	44,548,000	3,765,694	7.60	83,155,225	2,304,636	20,204,714	591417	276,637	19740	20,479,401	611157	
1874	55,123,290	4,858,630	7.00	71,257,716	2,083,245	25,840,877	763497	554,129	27075	26,399,799	790573	
1875	83,635,001	5,770,815	6.90	59,514,749	1,547,697	12,332,330	345894	277,337	19831	12,629,617	362725	
1876	86,000,000	5,160,000	6.00	71,561,852	1,693,547	16,610,614	406553	438,991	30918	17,0,065	47471	
1877	60,05,950	3,932,886	6.50	60,978,659	1,439,167	14,483,645	369215	1,206,982	78112	15,790,627	447347	

12. **SUGAR AND MOLASSES.**—The cultivation of Cane Sugar in the United States is conducted under such disadvantages that the amount produced has not, since 1862, much if at all exceeded one-eighth of the amount imported. The production of Maple and Sorghum Sugar has been increasing, but has not yet reached an amount of more than one-sixth of the whole domestic production. It has lately been charged by the Government, that owing to frauds in grading imported sugars, the annual income from sugars is from seven to ten millions dollars less than it should be. The following tables give all the facts relative to the production, importation, exportation, and duties on sugars and molasses, from 1870 to 1879.

AGRICULTURAL.

1.—SUGARS, including Cane, Maple and Sorghum, Sugar Candy and Melado.

YEAR.	DOMESTIC.		FOREIGN.		VALUE OF FOREIGN SUGAR CONSUMED.		TOTAL CONSUMPTION.				
	Production.	Exports.	Imports.	Re-Exports.	Difference.	Foreign Value Paid for Cus- toms.	Total Value.	Foreign.	Domestic.	Total.	
1870.	132,979,178	4,501,221	1,196,289	389	18,333,902	1,178,495	\$30,270	658	\$36,829,037	\$97,999,725	
1871.	208,196,046	3,945,923	1,277,525	009	10,364,161	1,267,160	60,819	370	30,788,657	91,608,027	
1872.	186,106,426	4,590	932	1,509,249	50	12,122,280	1,497,127	27	76,029	865	28,876,131
1873.	163,955,017	10,222,728	1,568,393	877	23,930,453	1,514,463	424	79,513,278	29,842,942	109,336,220	
1874.	141,620,424	15,585,587	1,701,354	312	19,310,777	1,682,043	535	81,491,851	32,409,835	113,591,656	
1875.	184,536,695	35,694,888	1,797,586	806	11,200,857	1,786,385	949	71,800,598	34,662,057	106,462,655	
1876.	214,974,473	5,024,916	1,491,065	427	15,870,103	1,478,194	827	67,080,351	39,450,917	106,481,268	
1877.	241,266,938	54,073,314	1,623,973	537	3,122,956	1,620,850	581	73,780,829	35,274,468	109,055,297	
1878.	278,000,000	44,089,039	1,505,120	551	6,016,855	1,499,103	696	70,464,869	37,075,427	107,540,206	

2.—MOLASSES, of Cane, Sorghum, Maple, &c.

YEAR.	DOMESTIC.		FOREIGN.		VALUE OF FOREIGN MOLASSES CONSUMED.			TOTAL CONSUMPTION.		
	Production.	Exports.	Imports.	Re-Exports.	Difference.	Foreign Value Paid for Cus- toms.	Total Value.	Foreign.	Domestic.	Total.
1870.	26,632,763	299,672	56,373	537	1,606,972	54,767,265	\$11,345	631	\$1,521,461	\$15,167,92
1871.	30,242,501	2,946,113	44,401	359	1,002,084	43,939,175	10,953	639	3,826,462	13,779,491
1872.	27,530,428	2,726,848	45,214	403	44,903,819	21,058,889	2,102,896	12,211,785	42,057,924	25,103,570
1873.	25,406,254	3,055,836	43,533	909	558,289	42,975,620	10,424,652	12,630,273	44,112,413	22,350,418
1874.	24,905,706	2,447,905	47,189	837	958,290	46,231,557	11,122,174	2,360,382	13,424,456	47,205,641
1875.	26,438,084	4,769,292	49,112,255	648,488	48,463,767	10,409,255	2,495,189	12,904,444	43,220,697	21,668,792
1876.	27,585,555	4,408,412	39,026,200	1,058,815	37,967,385	8,712,156	2,447,658	11,159,774	39,213,805	64,889,480
1877.	28,347,079	3,470,827	30,188,963	302,891	29,886,752	7,335,194	1,812,525	9,147,719	29,000,397	62,390,938
1878.	30,350,000	1,477,047	27,490,007	844,206	6,860,317	1,678,485	8,838,802	26,855,764	28,872,953	55,728,717

II.—LIVE STOCK.

This department of agricultural production increases in a much more rapid ratio than the population, much of the land west of the Mississippi, as well as the prairie lands, east of the river, being admirably adapted to grazing, and the breeding of neat cattle and swine for slaughter, and sheep, both for their fleece and for slaughter, being conducted on a large scale. Horses and mules are also reared in great numbers for domestic use and for exportation. For many years past we have exported large quantities of salted and smoked meats to Europe, mess beef, mess pork, hams, shoulders, jerked beef, bacon, &c., as well as lard, and in moderate quantities, tallow, butter, cheese and condensed milk; but for the last three or four years, a large export trade has sprung up in live stock for slaughter, neat cattle and sheep, and in fresh beef and fresh mutton, as well as much greater quantities of butter, cheese, and liquid condensed milk. This has speedily developed into an enormous traffic. Oysters and fresh fruits are also exported in considerable quantities. In the following tables we have given the numbers, average price and estimated value of the live stock of the country in 1876, 1877 and 1878, and also the exports of animals and animal products for the last three years. We deem these statistics of great importance to the farmer, agricultural settler, and to the shipper, as indicating the directions in which agricultural labor may be most profitably employed.

1.—FARM ANIMALS at the End of each Year.

ANIMALS.	DECEMBER, 1876.			DECEMBER, 1877.			DECEMBER, 1878.		
	Number.	Avg. Pr	Value.	Number.	Avg. Pr	Value.	Number.	Avg. Pr	Value.
Horses.....	10,401,527	\$8.69	910,372,845	10,329,700	\$8.16	800,813,681	10,618,600	\$1.25	1,300,401,500
Mules.....	1,000,423	64.57	103,916,231	1,637,500	63.70	104,323,933	1,667,000	64.01	100,004,670
Milch Cows	10,758,120	28.23	304,347,205	11,300,100	26.41	298,429,863	12,206,000	22.91	270,652,206
Oxen & other Cattle..	17,647,381	19.64	336,006,123	19,223,300	17.14	329,541,733	21,077,000	18.10	331,423,700
Sheep & G'ts	33,981,723	2.31	81,000,000	35,740,500	2.25	80,000,000	33,482,000	2.40	92,358,940
Swine.....	34,653,280	5.03	171,345,321	32,292,500	4.98	160,823,532	34,331,400	5.00	171,657,000

2.—ANIMALS and ANIMAL PRODUCTS Exported in each Year.

These are for the Fiscal year ending June 30, except where marked with a *.

ANIMALS AND ANIMAL PRODUCTS.	1876.		1877.		1878.		TOTALS FOR 3 YEARS	
	Number or Quantity.	Value.	Number or Quantity.	Value.	Number or Quantity.	Value.	Number or Quantity.	Value.
LiveStk Expt		\$		\$		\$		\$
Hogs.....	68,044	670,012	65,107	699,180	29,231	217,279	162,435	1,636,431
Horned Cattle	51,593	1,110,703	50,001	1,563,080	80,040	3,896,818	1-1,631	6,600,601
Horses.....	2,030	234,964	2,040	301,134	4,104	798,721	8,174	1,314,821
Mules.....	1,784	224,860	3,441	47,114	3,860	501,513	9,085	201,807
Sheep	110,312	171,101	179,017	234,480	183,993	333,499	473,324	7,19,030
Others & fowls	24,617	.....	18,895	.....	46,811	.....	90,353	
Fre-h Beef,lbs	.....	49,210,900	4,552,523	54,046,771	5,000,856	103,257,761	9,592,379	
* Fr'h Beef,lbs	19,838,95	1,743,211	55,362,736	5,241,668	53,340,696	4,808,612	128,542,354	11,796,491
Bac,h, Hms,lbs	327,730,172	39,064,476	400,07146	49,51,592	592,797,41	51,750,205	138,007,4790	140,927,073
B'l,Salt, Corned	36,596,150	3,186,304	39,155,153	2,910,952	38,831,373	2,973,244	114,582,082	9,110,490
Meats Pres'ed	998,0.2	.....	3,939,977	.....	5,009,918	.....	10,031,947	
Mul'n,frsh,lbs	.....	349,368	26,480	130,582	9,272	470,950	45,732	
Butter, lbs ..	4,641,894	1,109,496	21,527,242	4,421,616	21,837,117	3,931,822	48,009,253	9,464,934
Cheese, lbs ..	97,676,264	12,270,083	107,364,666	12,700,627	12,787,736	14,103,529	323,824,666	39,071,239
Condns d Milk	118,541	.....	123,01	.....	128,818	.....	371,168	
Eggs, dozen ..	29,633	8,300	32,591	8,429	94,265	14,860	156,489	31,609
Pork, lbs ..	54,193,118	5,744,022	69,671,894	6,291,414	71,889,155	4,913,646	195,753,167	16,954,082
Am'l Oils,gal	168,954	173,654	631,247	450,381	2,216,676	1,221,718	3,016,968	1,845,753
Lard	168,405,839	22,429,485	234,741,233	25,562,665	343,007,464	30,014,023	746,245,036	78,006,173
Total Values	89,681,899	.....	114,576,625	.....	124,814,330	.....	329,271,854	

* These amounts are for the calendar year.

REVISED TABLE SHOWING THE STATES AND TERRITORIES OF THE UNITED STATES WHICH HAVE ESTABLISHED BY LAW THE WEIGHT AND POUNDS
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LEGISLATIVE ENACTMENTS

**Revised Statutes, 1875.
Act of March 3, 1873, and March 23, 1875.**

Revised Statutes, 1866, Arts. Mr. 21, 1863, Mr. 15, 1869, Apr. 29, 1872, Mr. 10, 1876.

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REVISED EDITION, 1874. Let us turn on 1

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R. S. 1871; A.C.S. Feb. 20, 1872; M.F. 10, 1873;

Statutes Large, 1873.

Revised Code, 1873: Acts Mar. 3, 1876, &c.

General Statutes, 1873

General Statutes, 1872; Act of April 13,

General Stat., 1876; Acts Mar. 2, 1876, &c.

(ieller) L. W. S., 1877.

GENERAL STATISTICS

Gesetzliche Vorsorge 177

GARIBOLDI 1871.

Revised Code 1877.

WILHELM STAUER 1872

Gesetzliche Abgaben und Steuern 1863

ACTA JILL. 23, 140, JUN. 29, 1965; NOV.

MARCH 1, 1888.

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affiliates or mined out of the State.

MARCH 1970

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ADDITIONAL TO THE FOREGOING TABLE.

In addition to the articles named in the foregoing table, the following weights per bushel, of the following articles, are established by law in the States indicated, viz:

Coke: Pennsylvania, 40 pounds to the bushel; Ohio, 40 pounds to the bushel; Iowa, 38 pounds to the bushel.

Hominy: Massachusetts, 50 pounds to the bushel; Ohio, 60 pounds to the bushel.

Peas, ground: Georgia, 25 pounds to the bushel; Kentucky, 24 pounds to the bushel.

Parsnips: Connecticut, 45 pounds to the bushel; Wisconsin, 44 pounds to the bushel; Montana, 50 pounds to the bushel.

Ruta-bagas: Maine, 60 pounds to the bushel; Connecticut, 60 pounds to the bushel; Wisconsin, 56 pounds to the bushel.

Mangel-wurzel: Maine, 60 pounds to the bushel; Connecticut, 60 pounds to the bushel; Washington Territory, 50 pounds to the bushel.

Vegetables not specified: Rhode Island, 50 pounds to the bushel; Washington Territory, 50 pounds to the bushel.

Onion top sets: Virginia, 28 pounds to the bushel; Nebraska, 25 pounds to the bushel.

Dried fruit—Plums: Michigan, 28 pounds to the bushel.

Peaches, peeled: Virginia, 40 pounds to the bushel; Georgia, 38 pounds to the bushel.

Currents, gooseberries, and grapes: Iowa, 40 pounds to the bushel.

Other berries: Rhode Island, 32 pounds to the bushel; Michigan, 40 pounds to the bushel; Iowa, 32 pounds to the bushel.

Chestnuts: Virginia, 57 pounds to the bushel.

Peanuts: Virginia, 22 pounds to the bushel.

Seeds—Broom-corn: Iowa, 30 pounds to the bushel; Dakota, 30 pounds to the bushel.

Cotton: Georgia, 30 pounds to the bushel; Missouri, 33 pounds to the bushel.

Osago Orange: Virginia, 34 pounds to the bushel; Michigan, 33 pounds to the bushel; Iowa, 32 pounds to the bushel; Nebraska, 32 pounds to the bushel.

Rape: Wisconsin, 50 pounds to the bushel.

Sorghum: Iowa, 30 pounds to the bushel; Nebraska, 30 pounds to the bushel.

Orchard grass: Virginia, 14 pounds to the bushel; Michigan, 14 pounds to the bushel.

Redtop: Virginia, 12 pounds to the bushel; Michigan, 14 pounds to the bushel.

Sand: Iowa, 130 pounds to the bushel.

THE LABOR QUESTION.

In a work like this, devoted to the highest interests of the workingmen of all classes, whether their labor is mechanical, agricultural, commercial, manufacturing or intellectual, it is due to the large and intelligent clientage which we desire to represent, that questions pertaining to the employment of labor, the hours of working, the average remuneration of different classes of workingmen, and the advantages and disadvantages of labor unions, should be fairly though briefly considered.

There is a prevalent disposition among workingmen to regard the employer and employed as classes hostile to each other, and as having interests which are diametrically opposed to each other.

This we believe to be not only a very narrow, but an entirely false view. Were it true, there would be no work done in civilized countries, except what every man could do for himself. A man wants a house built; he must build it for himself, on this theory, though there might be a hundred workmen who desire to labor on it; for, the moment he seeks to employ others to do this work, he becomes an employer, a capitalist, and his position is hostile to that of the men he employs, and he can have no object in life, but to use his money to oppress and distress them; while they, in return, look upon him with envy and hatred, because he has more money than they, and is their natural antagonist and oppressor. The theory once stated in this plain way, even the most ignorant can see its fallacy. What we have to say in regard to the labor question here, concerns only labor in the United States. We have nothing to do with the labor question in Russia, Germany, France, Italy or Great Britain. The government of those countries, and the conditions under which alone labor is possible there, are entirely different from ours, and whatever excuse there may be for making the labor question a political one there, no such excuse avails here. So long as he violates no law, and does no injustice to his fellow man, the workingman possesses the same rights and privilege as the capitalist. For him to resort to violence, and oppose the government which he himself has had a hand in making, is as absurd as it was for the petted child who when his wearied mother said "Well, let him have what he wants," to exclaim, "I won't have what I want."

If the workingman has not all his just rights under our government, it is his fault. He is one of the law makers; let him ask for these just laws and he will get them.

A word, then, about that much abused title, "Capitalist." What is a Capitalist in this country? He is, in most cases, a man who, beginning as a workingman, and often in early life steeped to the lips in poverty, has, by industry, economy and good management, saved his earnings to such an extent, as to be able to employ others; and his income being thus increased, extends his business till he employs hundreds and perhaps thousands of his late fellow workmen. Is it supposable that such a man will forget that he himself has been a workingman, or that he will become hostile to the interests of those with whom he has wrought day after day? I suppose that the late Cornelius Vanderbilt was the largest Capitalist employing labor, in our time. Yet who that has read his history does not know that in early life he was not only a workingman, but one of the most laborious of workingmen? The venerable Peter Cooper is another example of the advancement of an industrious and prudent workingman to the ranks of the employers; Asa Packer, the largest proprietor of Coal Mines in America, and the man who single handed, has been able, for many months, to prevent the great Coal Companies from forming a combination which would prove disadvantageous to the public, was, at the age of 28, a day-laborer, earning but fifty or sixty cents a day. Thomas Scott, the controlling spirit of the Pennsylvania Central Railway and all its affiliated roads, came up from the ranks of the workingmen. So did William Orton, late President of the Western Union Telegraph Co., and hundreds more whom we might name.

These men have, or had, large amounts of capital at their disposal, and they chose to dispose of it in such a way as to employ great numbers of men. This was certainly no wrong, but a benefit, they were obliged to fix upon some terms on which they would employ such help as they needed. No one was compelled to work for them, if their rate of compensation was less than could be obtained for the same work elsewhere; and it is not, we believe, pretended that they paid, on the average, less wages than the others. So far, then, there is nothing to awaken hostility between employers and employed. It was not assumed that these men were perfect, or honest, upright, and benevolent in their business, beyond the average of men. They were men of like passions and dispositions with the rest of us.

But now, after a season of excessive commercial prosperity, and high prices, the result in part of an inflated currency, there comes a time of financial depression.

If our capitalist is a manufacturer, he finds his goods will not sell, or if they are sold at all, it must be at a price below their actual cost, and consequently, in the long run, he must reduce the cost of manufacture, or become a bankrupt. The cost of the raw material has depreciated, and he tries to make up his losses by buying it lower, but if the depression is of long continuance he is still a heavy loser. His employes have been receiving high wages in the past; is it wrong, that he should say to them, I cannot afford to pay the highest prices. I must reduce your wages by such a percentage. If others will pay more, of course they have the right to go where they can receive the largest wage, but if a part of their number, or others, who are out of work, choose to accept his terms, which it is fair to presume are the best he can afford, those who leave his employ have no right to molest or obstruct those who choose to remain in it.

If the capitalist has reduced his wages too low, below those paid by others in the same business or below what is, under the circumstances, a living rate, and all his employes leave him, and others as competent will not take their places, he soon finds out his mistake, and is ready to compromise.

Much is said of the soullessness of corporations, and it is often asserted that the cases of oppression of workingmen are more frequent where they are employed by corporations than elsewhere. We doubt this—a company or corporation which is honestly and ably managed, is governed by the same motives and principles as an individual capitalist. It must manage its affairs carefully and economically or its stockholders will suffer loss; as a general rule, corporations pay higher wages, especially in prosperous times, than individual capitalists, and the difference comes out of the pockets of the stockholders. Happy is that corporation whose stock is mainly or largely owned by its employes. Individual capitalists and corporations, engaged in the same or similar lines of business, sometimes associate themselves together, and through this association, act in concert in regard to the amount of production, wages and other matters appertaining to their united interests. Working-men often take exception to these associations, and denounce them as oppressive and as hostile to the working classes.

We cannot see the reasonableness of this. It is a fundamental principle in our republican form of government, that men have a right to associate together for the protection of their just and lawful interests, though not for purposes of wrong and violence. As a general rule, these associations have proved beneficial to both employers and employed. A comparison of views has tended to shorten rather than protract the hours of labor, and to advance as fast as it could justly be done the amount of wages. It has also led to what workingmen should be thankful for, a classification and discrimination in regard to the skill and capacity of employees, by which higher wages have been paid to the industrious and skilled workman, while the indolent and incapable have either been dismissed, or remanded to low wages till their work was improved.

This much we have felt it right and just to say for the employers. Now let us see what, the rights and privileges that the workingman and workingwoman may claim.

Let us begin negatively. No human being has an absolute right to compel another to employ him, be that other an individual capitalist, a corporation, or the state. Man has a right to live, if he can, by honest toil, of hand, of foot, or brain; but he has no right to compel an individual, a corporation or the state, to support him. He has no right to obtain his living by theft or violence. In a normal condition of society, there is enough work to employ every honest, intelligent, temperate and industrious man who has the health to work. But for the purpose of bringing the employers and employes together it is sometimes necessary that there should be changes of location, or, in other words, emigration on the part of some of those desiring employment.

In a normal state of society, when business is depressed, the intemperate, the improvident, the ignorant, and the worthless are sure to be thrown out of employment. This result is inevitable, no Trades Union or organization can prevent it. Hence the necessity, that workingmen and their children should be educated for their business, that they should be strictly temperate, honest and industrious. They should be more than this. The employee who seeks to make the interest of his employer his own interest, and is watchful against any loss or injury to it, may think his faithful services unappreciated, but in the time of trial, in ninety-nine cases out of a hundred, he will find that his faithfulness has been noticed, if it has not been commended, and that though others may be dismissed, he will be retained, if his retention is possible.

It is the undoubted right of every workingman to refuse to work for an employer,

If his wages are reduced, below what he regards as a just and living compensation; it is the right of any number of workingmen who are thus aggrieved, or who feel satisfied that they should receive a higher price for their work than they are now receiving, to refuse to work any longer at those wages. This is usually called "a strike," and whether it produces its intended effect or not, that of compelling the employers to raise the price of work, it is none the less the right and privilege of the workingman to refuse the work.

But when the strike is made, *he has no right to take any steps to prevent others from obtaining the work he has refused.*

When an employer, from whatever motive, reduces the wages of his employees, or refuses to advance them, and they strike, it is his right and privilege to obtain other equally competent help at the reduced price, if he can. He may be actuated by good or bad motives in doing this; it may be, and often is, the case that the condition of the market for his goods, renders it impossible for him to go on giving his present wages without becoming bankrupt, and thus this act, hard as it's seems, may be really one of kindness to his employees, by furnishing them employment at moderate wages, instead of throwing them out of employment entirely by failure. But whether his motives are good or bad, as soon as he has applicants for work at the reduced price, who are competent for the work, and employs them, the law throws around them and him its protection. Those who had previously been in his employ, must not obstruct the new-comers, or use violence toward them in any way. If they do, they become law-breakers and will receive punishment, and justly too; for these new workingmen are only doing what they in their circumstances would do.

The workingmen on a strike may remonstrate, may urge the restoration of the higher wages, may protest or petition, for redress. *That is their right.*

We have alluded to the association of workingmen together in strikes. This, too, is one of their rights, and we would not confine this association of workingmen to the time of a strike.

Trades Unions are not objectionable in themselves, on the contrary they may be, and often times are, the means of doing great good to the workingmen who are members, and to their families. It is only when they are perverted from their true purpose that they become mischievous. In the early history of the Trades Unions in Great Britain they were hot-beds of crime. The workingmen goaded to revenge by the oppression which they suffered, resisted by arson, assassination and murder, all the attempts of the employers to employ non-union men, or to employ any greater or less number of men, or men of greater efficiency, or at any other wages than they prescribed. Charles Reade in his "Put yourself in his Place," has drawn with perfect fidelity the picture of the horrors of that time, and we have had an example of them of nearly as great enormity, in the Molly Maguires organization among the miners of Pennsylvania.

But these times and deeds have passed away, never again to return. Workingmen now understand better than they did formerly the natural laws which govern labor; they know very generally that in a period of financial depression, such as we have been passing through, that no force can compel the capitalist to pay for any length of time, higher prices than he can afford; and if it could, the end would be still more disastrous, because capital would be annihilated, or rendered so timid, that it would not venture to employ labor at all.

Trades Unions, as at present constituted, are mainly Mutual Benefit Associations, which by small weekly payments, usually of from 20 to 30 cents per week, provide a fund for the care of sick members, the burial of the dead, the providing for the widows and orphans, the aid of the infirm, disabled or unemployed, if temperate and of reputable character. They also negotiate with the employers, with whom they endeavor to maintain friendly relations, keep a general supervision over wages, recognizing the difference (which the old Trades Unions did not) between skilled and unskilled workmen, prevent strikes, when possible, by mediation, and where they prove inevitable, grant such assistance to the striker in money or supplies as may be required. The best and strongest of these Unions avoid carefully any political action, and will not sell themselves to any party.

In Great Britain within the past twenty-five years these Unions have attained to great influence, and embody great numbers of members, the total number of members in England in 1878, being, it is said, about 1,500,000. Among their other works, they encourage emigration, and aid emigrant members to find a new home in Canada, Australia, Tasmania, New Zealand, and to some extent in the United States.

One of the largest and most efficient of these Unions is the Amalgamated Society of Engineers, Machinists, Smiths and Pattern Makers, founded in Jan.

1851, but reorganized after severe misfortunes toward the close of 1852. Its membership has risen from 9,737 in Jan. 1853, to 45,472 in 1878; its funds from \$25,000 in the first named years to \$1,376,350 in 1877. It has about 400 branches in all parts of the world, of which 36 are in the United States. Its discipline of its members is very strict. "All persons," says its constitution, "admitted into this Society, shall be possessed of good ability as workmen, of steady habits and good moral character," and their records show that their rules are enforced with great rigor. The dues are from 25 to 60 cents per week. The benefits are considerable. The unemployed members, where the lack of employment is the result of an authorized strike, or of the general depression of business, receives \$3 per week for 14 weeks, and \$2.10 per week for the next thirty, if he is unemployed so long. Sick benefits are \$1 per week for 26 weeks, and \$1.25 for a longer period. Funeral benefits, (to members \$60, to the wives \$30,) are a considerable item. Accidents resulting in permanent injury, causing further inability to work, are compensated by a payment of \$500. The disabled member by keeping up his contribution of 12 cents per week is still entitled to receive sick and funeral benefits provided that the sickness is not the same complaint for which he received the \$500. The superannuated members receive an allowance varying in different cases, and cases of exceptional distress receive extra allowance. Their expenses are light. The following statement of the President of the Society, John Bennett, will explain very fully its principles and purposes:

"But the great and primary object of this organization is to maintain the condition of the trade, is to see that the benefit to members out of work is so much, and given under such circumstances as will leave them no excuse for underselling their labor, or of agreeing to regulations which are injurious to their fellow-workmen—all these benefits are instituted for the purpose of providing for the wants of members when in adverse circumstances, of cementing a feeling of brotherhood throughout the society, and enlisting every member in the good work of supporting the best interest of the trade. To provide only for merely benevolent benefits is to satisfy the sympathetic feelings of our nature; but we must never lose sight of the great and all-absorbing fact that we are a Trade Society, established to protect the interests of trade; and the consideration, far above all others, should be how that protection can be secured with the means at our disposal."

In general, Trades Unions of the better class have not been as successful in the United States as in Great Britain. There is some reason to hope that they may become more so in the future. They have in many cases been only organizations of a single trade, as the Typographical Unions for the Printers, the St. Crispins for the Shoemakers, the Locomotive Engineers for that class, &c., and have, in many instances, come into violent and protracted collisions with the employers which have engendered a bitter hostility. Of late the inclination to consolidate several trades or callings in one society, has been gaining ground, and every such organization is to be encouraged, as it liberalizes and enlarges the field of the workingmen, and renders them more tolerant of the rights of employers, and less disposed to violence. The Workingmen's Central Union of Boston is one of the latest and most successful of these. The movements for Trade Protection by means of Secret Societies, (the Patrons of Husbandry and the Sovereigns of Industry) combined too many objects, Co-operation, Trade Protection, Mutual Benefits, Intellectual and Social Culture, and the forms of Secret Societies, to be able to give each its full necessary attention. Still these organizations have accomplished some good for the working classes, and given a new impulse to Co-operative Stores, Manufactories, and business operations.

The tables heretofore inserted in this work of the wages paid for labor in Great Britain in 1872 and 1873, and of the prices of Provisions, Groceries and other leading articles in the Provincial Towns and Cities, are now valueless; since the terrible depression in every department of trade since 1878, has effected such changes in the rate of wages and the prices of provisions that they afford no clue to the present condition of things. Emigration has largely increased, and the great reduction in the amount of goods exported to the United States, and the equally vast increase of food products imported from thence, have revolutionized the price of provisions, &c. The future for British workingmen has a gloomy outlook, while in our own country we seem to be passing into an era of great prosperity.

The following table gives the wages actually paid in Massachusetts, on the gold standard, in 1860, 1872 and 1878, the last being a year of great depression. The probabilities are that there, as well as elsewhere, wages will appreciate to a moderate degree with returning prosperity. We also give the average retail prices of Groceries, Provisions, Fuel, Dry Goods, Rents, &c., for the same years.

AVERAGE WEEKLY WAGE—1860, 1872 AND 1878.

OCCUPATIONS.	AVERAGE WEEKLY WAGE, GOLD STND RD.			Inc & dec comp'd	OCCUPATIONS.	AVERAGE WEEKLY WAGE, GOLD STND RD.			Inc & dec comp'd
	1860.	1872.	1878.			1860.	1872.	1878.	
<i>Agriculture.</i>									
Lab's p rimo, & board	\$13 63	\$23 09	\$15 72	\$2 00	Edge-S tters	\$ 6	\$ 6	\$ 6	\$ 6
Lab's prd'y, nob'rd	90	1 23	33		Sh emakers	12 00	17 78	13 00	1 00
<i>Arms & Ammunition.</i>									
Machinist.....	11 00	13 00	4 00		Machinists, w'mn	10 33	14 68	8 60	2 33*
Machinists, foremen ..	37 50	37 50	=		McKay Operators	8 25	8 89	7 33	9 2*
Inspectors	12 00	15 00	3 00		Beaters	11 50	16 00	8 00	3 50*
Inspectors, f'remen ..	30 00	30 00	=		Ba'ers ent	16 20	15 00	12 00	2 75
Fitters	13 00	16 70	5 50		Irlm'ers	15 00	17 78	12 25	2 75
Tool-Maker	9 75	17 12	7 37		Women	5 50	8 00	8 00	2 50
A'movers	9 45	14 25	4 80	<i>Boxes.</i>					
Watchmen	10 00	12 50	2 50		Men	11 20	13 23	11 57	3 21
Firemen	11 00	13 50	2 50		Women and Girls ..	5 71	5 48	5 09	0 7*
Engineers	12 00	15 00	3 00		Boys	3 50	4 77	5 00	1 53
Lab'rs	6 00	8 00	2 00	<i>Bread, Crackers, Etc.</i>					
Boys	5 10	6 00	90		Bread-Bakers	8 06	13 10	11 57	3 51
<i>Artisans' Tools.</i>									
Pattern-Makers		13 00			Crecker-Bakers	7 83	12 41	12 00	4 17
Fil'-Cutters	6 00	8 10	=		Drivers	12 00	16 01	4 01	
Machinists		12 75			Shipper's	9 75	12 00	2 47	
Hardeners	6 50	8 00	1 50		Packers, Women	6 93	7 87	94	
Forgers	11 30	15 00	3 67	<i>Breweries.</i>					
Moulder's		11 40			Teamsters	9 25	12 00	12 00	2 05
Wood-Workers	11 00	11 70	50		Engineers	13 50	13 78	14 75	1 25
Fishers	10 50	13 50	3 00		Watchmen	8 60	12 15	9 60	1 66
Helpers	6 33	8 81	2 60		Carpenters	10 00	16 00	12 00	2 00
Laborers	5 00	6 75	1 75		Painters	10 70	16 00	12 00	1 50
Blacksmiths	9 20	13 44	13 75		Wash-Hous'ns	9 00	11 10	10 50	1 30
<i>Bleach'y, D'y'ng, Prn'tg.</i>									
Overseers	\$7 50	\$9 55	20 77	* 6 53	Mash-Floor	12 19	14 51	12 81	0 62
Engine-Tenders		12 00	11 00		Coopers	12 00	16 00	15 00	2 00
Printers	25 00	21 3	2 40	1 49	<i>Bricks.</i>				
Back Tenders	5 00	7 0	6 65	1 65	Mondl'rs	3 10	11 26	3 37	27
Dyers	5 50	8 0	6 00	53	Sorters	2 45	7 63	3 12	15
Designers	25 00	26 67	2 00	=	Lond'rs	3 1	7 39	3 95	81
Engravers	23 50	41 3	2 80	30	Barrow-men	3 4	8 82	3 87	42
Driers	5 00	5 50	50		Overseers	7 50	13 33	8 51	1 00
Starchets	5 50	5 75	25		Engi'ners	6 05	15 92	7 55	1 70
Finishers and Packers	6 00	6 8	7 0	1 0	Carpenters	6 00	14 1	6 00	=
Soapers			6 00		Pressers	6 00	10 04	5 30	0 4*
Divers and Steamers	8 00	6 00			Face-Brick men	6 00	10 04	7 00	1 05
Singers	6 0	6 75			Burners' Assistants	9 83	18 12	13 55	3 71
Engineers		9 00			Laborers	2 90	8 40	3 66	0 64
Carpenters	13 20	9 00			Teamsters	3 23	7 57	3 75	51
Team-ters	10 65	8 40			Hostlers	3 00	7 75	3 00	=
Mechanics, repairs	11 10	14 67	13 70	2 40	Blacksmiths	4 60	12 00	4 60	=
Color-Mixers	5 00	8 00	6 12	1 12	<i>Brushes.</i>				
Watchmen	7 00	12 00	8 10	1 90	Finishers	11 60	16 82	13 4	0 52*
Firemen	6 00		7 70	1 50	Fishers, low gr'd w'k	7 0		6 6	1 00*
Men	5 50		6 33	83	Nailers	14 10	15 7	7 12	2 30
Woman	4 25		4 05	70	Paint-Brush Makers	13 66	17 73	18 0	4 31
Boys	3 37	3 21	3 90	53	Do Fine Work	21 00		15 00	4 00
Girls			4 80		Painters	17 77	15 10		
Boys and Girls	2 75		3 60	65	Borers	12 04	14 41	15 1	3 43
Laborers	5 25		6 37	1 12	Combers	12 4	14 5	14 24	1 77
<i>Bookbinders.</i>									
Gild'rs	17 00		20 00	3 00	Wash-w'rs	7 50		8 00	50
Finishers	14 85	19 32	17 77	2 92	Pan-hands, women	5 27	6 22	5 01	20*
Forwarders	13 89	18 36	16 20	2 31	Drawers, w' men	5 15	4 88	4 70	35*
1'l'drs & Sewers, w'mn	5 21	6 66	6 05	Boys	4 00	4 43	5 00	1 00	
Collators, women	5 66	6 74	6 32	<i>Building Trades.</i>					
<i>Boots and Shoes.</i>									
Cutters	12 00	14 81	11 05	* 25	Carpenters	9 1	1 00	11 33	1 41
Bott'mers	10 50	16 00	10 71	21	Painters & Glaziers	11 0	4 11	13 55	2 83
Machine-Closers	13 50		14 25	75	Steam & Gas Fitters	10 2	1 53	12 16	1 83
Boot-Treers	10 50		12 00	1 50	Slaters	14 3	16 00	12 50	1 80*
Cr mpers	10 50		10 00	* 50	Paper-Hang'rs	12 9	11 82	16 45	3 48
Fitters		14 22	12 00		Plumbers	14 05	14 2	18 00	3 95
Finishers	14 50	19 00	11 75	* 2 73	Plasterers	10 18	4 34	12 25	2 07
Buffers			19 50		Masons	11 45	21 33	13 37	1 92
Heelers		17 78	13 75		Carpenters' Laborers	7 16		8 29	1 13
					Mas. & Plast. laborers	7 14	12 22	8 13	99

OCCUPATIONS.	AVERAGE WEEKLY WAGE, GOLD & SILVER			Link D ^o S&W 1878 comp'd	OCCUPATIONS.	AVERAGE WEEKLY WAGE, GOLD & SILVER			Link D ^o S&W 1878 comp'd
	1860	1872	1878			1860	1872	1878	
<i>Cabinet Making.</i>									
Chair-Makers.....	\$10 11	\$11 56	\$11 00	\$0 23	Openers and Pickers.....	\$4 76	\$7 25	\$6 23	\$1 47
Decorators.....	20 50	22 22	24 00	3 50	Do Boys.....	2 51	4 55	3 45	83
Gilders.....	15 00	17 33	17 00	2 00	Strippers.....	4 48	7 00	5 00	78
Turners.....	11 80	15 11	11 00	2 00	Strippers & Grinders.....	4 70	7 74	7 45	3 45
Carvers.....	12 80	16 00	12 33	47	Grinders.....	6 51	7 74	7 34	83
Cabinet-Makers.....	10 56	14 00	11 00	2 00	Framo Tenders.....	3 46	5 00	4 47	99
Mill-Men.....	10 05	12 44	10 67	02	Drawers.....	2 33	3 76	1 37	
Polishers & Finishers.....	10 00	11 34	10 25	25	Railway & Alley Boys.....	2 70	3 45	1 75	
Upholsterers.....	10 90	14 00	11 42	52	Slabbers.....	3 00	3 20	4 80	1 30
Upholst. sewrs,w'mn	6 00	6 00	7 00	1 00	Oversets of Carding.....	16 70	26 00	18 7	2 02
<i>Carpenters.</i>									
Wool-Sorters.....	6 50		9 25	2 75	Section Hands.....	12 00		1 40	00*
Wool-Washers.....	5 50		7 25	1 75	Sec'd Hands.....	8 00	16 00	10 00	2 00
Wool-Preparers.....	5 50		6 50	1 00	Oversets of Spinning.....	17 00	26 47	19 4	1 75
Combers.....	6 00		6 30	30	Second Hands.....	7 00	14 6	8 00	1 60
Finishers.....	5 25	8 1	5 57	32	Section Hands.....	9 00		1 40	2 40
Dyers an' Dryers.....	6 00	9 11	7 50	1 50	General Hands.....	6 00		6 4	41
Drawing-in.....	4 80		7 13	2 33	Young Persons.....	3 41	4 59	3 74	26
Filling Boys.....	2 50		3 55	1 00	Spare Hands.....	3 41	4 53	4 00	55
Drawers.....	6 00		6 50	50	Mule Spinners.....	6 33	10 70	7 41	1 63
Dressers.....	7 50		10 50	3 00	Mule Spinners, w'm'n.....	6 30	10 40	4 00	
Weavers.....	6 10	7 40	8 70	2 00	Mule Spinners, boys.....	1 08		1 08	20*
Burles.....	3 70		4 70	1 20	Back-Boys.....	2 07	3 68	2 32	23
Section Hands.....	7 20		10 33	2 53	Doffers.....	3 01		4 65	1 63
Drawers and Spinners.....			4 37		Fra'me Spin'ers.....	3 21		3 96	68
Doffers.....	3 00		3 00	=	Fra'me Spin'ers, l's & g's.....	2 01	4 55	3 34	66
Frame-Spinners.....	4 70	4 05	5 00	50	Fra'me Spin'ers, girls.....	2 31		3 5	1 15
Twist'rs.....	7 50		9 00	1 50	Fra'me Spin'ers, boys.....			2 71	
Carders.....			13 75		Frame Spin'ers, w'm'n.....		4 20	2 81	
Firemen.....	6 00		7 00	1 00	Ring Spin'ers, overs'rs.....	11 5		18 00	6 43
Packers.....			7 50		Ring Spin'ers, 2d h'nd'.....	7 51		9 00	1 70
Overseers.....	24 00	22 07	27 00	3 00	Ring Spin'ers, 3d h'nd'.....	4 01		5 50	1 50
Machinists & Carpnt's.....	9 00	9 87	11 00	3 00	Ring Spin'ers, girls.....	3 01		4 30	70
Watchmen.....	7 00		10 00	3 00	Do spare'ls, ds & g's.....	3 30		3 00	00
Laborers.....	5 00		7 05	2 63	Doffers, boys & girls.....	1 51	4 00	2 80	24
Laborets' Boys.....			3 75		Fly & Jk's Fu'm't Indu'.....	3 30		5 80	2 70
<i>Carriages.</i>					Reel'g & Warp'g, ov'r's.....	9 00	14 67	15 00	6 60
Body-Makers.....	11 82	13 55	15 70	3 23	Do second hands.....	4 50	9 3	9 00	4 70
Painters.....	11 10	17 3	14 51	2 60	Do spare'ls, girls.....	2 40	1 4	4 20	1 80
Carriage-Part Mak'rs.....	9 50	17 48	14 14	4 44	Do spole's.....	1 02	4 4	3 9	1 34
Wheelwrights.....	10 64	17 77	13 70	3 06	Do do overseers.....	13 50		6 50	3 00
Trimmers.....	12 62	17 77	15 80	3 18	Do young persons.....	2 53	4 55	3 00	47
Blacksmiths.....	11 20	16 60	15 21	4 14	Reclers.....	3 54	6 40	5 35	1 81
Blacksmiths' Helpers.....	7 50	12 43	9 00	1 50	Reamers.....	7 35		9 25	1 90
<i>Corsets.</i>					Warp's.....	4 22	5 00	5 30	1 03
Forewoman.....		10 07	7 00		Dress'rs.....	8 19	15 14	11 27	3 08
Overlookers.....		7 11	5 71		Dress'rs, overseers.....	21 11	31 33	20 40	1 51*
Embroid'elets.....		7 11	6 45		Slasher tenders.....		10 00	9 79	
Needle-Hands.....		7 11	5 37		Thread-dressers.....	6 7		7 15	1 20
Finishers & Packers.....			4 50		Drawers.....	4 20	5 64	5 15	99
Machine-Hands.....	8 00		6 02		Drawers, sec'd hands.....	8 25	11 7	12 08	3 83
Boners.....		7 11	4 00		Drawers, sec'd hands.....	6 21	10 67	8 34	2 60
Eyeletters.....		7 11	6 31		Drawers, room hands.....	6 00	8 00	6 00	00
Bind'rs.....			6 78		Drawers, room hands.....	5 00		6 00	1 00
Cint'rs.....			7 00		Quill rs.....	2 71	3 08	3 01	90
Cutters, men.....	15 00	12 00			Twisters.....	6 00	8 60	9 00	3 00
Pressers.....	8 89		7 50		Twisters, women.....	4 10	5 33	5 00	50
Pressers, men.....		11 00			Winders.....	8 33		11 3	3 00
Custom Work.....			5 00		Winders, women.....	4 45		5 14	1 40
<i>Clothing-Ready-Made.</i>					Winders, overseers.....	15 00		18 00	3 00
Overseers.....	19 45	24 45	24 82	5 37	Weavers.....	4 44		5 8	1 44
Cutters.....	13 02	19 65	16 00	2 68	Weavers, spa & l'ands.....	4 50	6 61	5 25	75
Trimmers.....	11 06	16 26	14 31	3 25	Weavers, 4 lo ms.....	5 78		3 96	
Pliers.....	9 17	16 0	10 26	1 11	Weavers, 5 looms.....	7 81		4 50	
Basters, women.....	6 32	7 7	6 48	14	Weavers, 6 lo ms.....	9 50		5 01	
Mach'n-oper's, woman.....	5 53	10 61	5 92	39	Weavers, 8 looms.....	11 3		6 30	
Finish'rs, at home, w'mn.....	4 00	4 73	4 58	02	Bobbins-boys.....	4 00		4 40	50
Finish'rs, shop, w'mn.....	4 56	4 73			Cloth-room, overseers.....	18 10	14 67	17 25	85*
Finish'rs, conf. w'mn.....			3 20		Cloth-room, sec'd hands.....	7 17	8 64	9 30	2 13
Finis'lders, conf'tm, w'mn.....	6 00		6 00	2 00	Cloth-room, men.....	5 44	8 16	6 45	1 01
Pants, Vest, Cust. Wrk	5 58		6 90	1 32	Cloth-room, w.m. & b'y's.....	4 06	4 80	4 27	21
					Pack'g-room, s & b's.....	4 03		4 70	67
					Pack'g-room, s & b's.....	5 87	8 93	8 13	2 26

OCCUPATIONS.	AVERAGE WEEKLY WAGE, GOLD STND'D 1860. | 1872. | 1878. | Incl'd c Incl'd comp'td			OCCUPATIONS.	AVERAGE WEEKLY WAGE, GOLD STND'D 1869. | 1872. | 1878. | Incl'd c Incl'd comp'td			
	1860.	1872.	1878.		1869.	1872.	1878.	
<i>Cotton Goods—Cont'd.</i>								
Bindlers.....	66 00	88 00	99 88	\$2 03	Hosiery—Cont'd.	\$	\$	\$
Overs'rs of Repairs	17 14	17 33	20 00	2 50	Winders.....		6 00	
Mechanics.....	8 35	12 10	10 72	2 37	Knitters.....		6 85	
Mechanics' Laboreis	5 47	8 72	6 94	1 47	Twisters.....		6 00	
Engineers.....	9 00		11 37	2 37	Sewing-girls.....		6 00	
Firemen.....	7 09		8 33	1 21	Menders.....		5 70	
Overseers of Yard.....	11 56		13 05	4 40	Rotary knitters, men.....		15 00	
Yard Hands.....	5 22	8 75	6 32	1 10	Engineers.....		12 00	
Watchmen.....	6 83		8 12	1 20	Yard hands & watch'n.....		7 80	
Teamsters.....	5 40	10 07	8 00	2 01	<i>Leather.</i>			
<i>Cutlery.</i>					Liners and Beamers..	7 50	11 00	3 50
Forgers.....	9 40		12 00	2 00	Tinners.....	6 83 10 41	8 60	1 77
Forgers' helpers.....	6 00		6 00	=	Shavers.....	9 00	15 00	6 00
Grinders.....	12 60		11 65	2 50	Finishers.....	8 50	11 00	2 50
Sawyers.....	8 25		9 00	1 50	Splitters.....	14 25 15 00	16 00	1 75
Hatters and Finishers	9 00		10 62	1 02	Knife men.....	12 00 13 75	13 50	1 50
Hatters & Fin's boys.....	3 00		3 30	50	Table-men.....	7 00 13 25	8 00	1 00
Machinists.....	11 00		11 25	3 25	Foremen.....	15 00	20 00	5 00
Packers.....	5 75		6 00	25	<i>Linens Coods.</i>			
Inspectors.....	11 00		10 50	2 00	Hacklers.....	5 75	6 75	1 00
Inspectors, women.....	6 50		7 50	1 00	Preparers.....	5 00	6 15	1 15
Stampers, boys & girls.....	8 37		9 00	1 30	Preparers, boys.....	2 00	3 30	68
Men.....	13 60		13 00	=	Preparers, women.....	4 55	5 45	90
Women.....	5 17		5 17	=	Preparers, girls.....	2 00	3 00	40
Boys.....	4 53		4 53	=	Bleachers.....	5 00	6 80	1 80
Laborers.....	5 50		6 00	50	Finishers.....	6 00	7 50	1 50
<i>Dressmaking.</i>					Spinners.....		5 18	
Managers.....	9 94	13 33	12 12	2 25	Spinners, boys.....		3 00	
Dressmakers.....	6 52	7 11	7 43	91	Spinners, girls.....	2 3	3 00	67
<i>Envelopes.</i>					Spinners, w-men.....	4 00	4 80	
Cutters.....	19 50	16 44	13 50	3 00	Spinners, men.....	6 00	11 40	3 40
Trimmers.....	12 05		10 86	1 19	Rufflers.....	5 00	5 70	70
Folders, women.....	7 75	7 23	6 73	1 00	Speculators.....	1 7	1 80	03
Machine hands, v.m.'s	7 75	6 89	6 73	1 00	Waipers.....	4 50	5 40	90
Overseer of Ruling.....	13 00		15 00	3 00	Dresses.....	5 75	7 50	1 75
Rulers, women.....	6 00		4 50	1 50	Winders.....	3 25	3 55	30
Printers.....	11 00		9 00	1 40	Machine boys.....	3 12	3 20	78
Printers, women.....	4 00		3 00	1 00	Mechanics.....	8 0	10 00	2 00
Box-makers, woman.....	9 00		8 00	1 00	<i>Jute Goods.</i>			
Sewers, women.....	10 00		9 00	1 00	Carders.....	6 27	6 00	
Packers.....	10 50		9 75	75	Weavers.....	7 84	6 75	
General Help.....	5 00		4 50	50	Rov'rs.....	5 53	3 90	
Laborers.....	6 00		6 00	=	Drawers.....	4 00	4 20	
Foremen.....	21 00		21 00	=	Feeders.....	5 18	5 40	
<i>Glass.</i>					Bind'rs.....	7 50	4 50	
Blowers.....		8 22	12 00		Callenderers.....	8 89	7 00	
Kiln-men.....	12 44		10 50		Batchers.....	6 22	5 70	
Cutters.....	13 33		9 00		Shifters.....	3 32	2 40	
Polishers.....	17 78		12 00		Piecers.....	3 50	3 00	
Gaffers.....	15 00		10 00		B'blin carriers.....	6 61	5 10	
Servitors.....	13 33	13 10			Winders.....	3 5	3 00	
Foot-makers.....	13 33	11 00			Reelers.....	7 11	4 80	
Press'rs.....	12 00	13 00			Oilers.....	6 82	6 30	
Gatherers.....	10 07	12 00			Yard h'nds.....	5 20	3 10	2 48
Sticker's-up.....	7 11	8 06			<i>Machinery & Machinery</i>			
Ware-wheeler's.....	9 11	6 00			Pattern Makers.....	11 50	17 00	15 21
Engravers.....	13 22	12 00			Iron Moulders.....	9 50	14 67	12 30
Mixers.....	13 07	12 00			Bra's M'lders.....	10 00	14 67	13 25
Men, not in deprt'mts			10 50		Core Makers.....	5 00	6 00	1 00
Boys.....	3 56	4 50			Blacksmiths.....	9 15	16 00	12 17
Women and girls.....	4 44	4 00			Blacksmith's helpers.....	6 50	10 20	7 70
<i>Hosiery.</i>					Machinists.....	9 04	14 40	13 05
Overseer of Carding.....			13 50		Cleaners and Clipper	6 00	7 50	1 50*
Young persons, card'g			6 00		Chucks.....	6 73	9 75	3 00
Overs'r, bl'ch'g & d'y'g			16 02		Fitters.....	6 83	14 20	10 66
Men, ble'ch'g & d'y'e'g		7 87			Poishers.....	8 00	9 7	1 73
Overseer of Spinning.....		13 50			Setters up.....	6 00	12 80	12 00
Men & boys, spinning		6 75			Rivet-heaters, boys.....	4 00	5 00	1 00
Shapers.....		7 50			Kiveters.....	9 10	14 67	12 00
Fin'lers, w men.....		5 10			Wood-workers.....	9 16	10 30	1 23
Cutters and boarders.....		8 40			Painters.....	6 00	8 00	2 60

OCCUPATIONS.	AVERAGE WEEKLY WAGE, OLD STANDARD			Index No. & % change comp'd	OCCUPATIONS.	AVERAGE WEEKLY WAGE, GOLD ST. DTN'			Index No. & % change comp'd
	1860	1872	1878			1860	1872	1878	
<i>Matches.</i>									
Men.....	\$16 00	\$10 50			<i>Preserved Meats, Fruits and Pickles.</i>	\$	\$	\$	\$
Women.....	4 00	4 00			Men.....	11 07	12 07	12 00	12 03
Girls.....	4 00	3 00			Women and Girls.....	5 00	4 44	4 05	95*
Boys.....		3 50			<i>Printing.</i>				
<i>Metal & Metallic Goods</i>									
Hammers-men.....		12 00			Job Compositors.....	10 19	14 12	3 93	
Heaters.....	21 25	23 40			Job Compositors.....	12 71	15 47	5 76	
Rollers.....	10 15	13 40			Proof-readers.....	17 45	23 89	0 00	2 64
Puddlers.....	14 10	18 00			Proof-readers, women.....	8 07	11 07	2 40	
Shinglers.....	54 00	19 50			Job Pressmen.....	9 95	14 44	12 00	2 63
Helpers.....		12 75			Job Pressmen.....	10 00	16 24	16 53	5 93
Win.-drawers.....		12 75			News-work.....	8 77	15 11	6 34	
Annaliers & Cleaners.....	9 00				Press Feeders.....	5 17	5 40	1 23	
Rufflers.....	21 00				Press Feeders.....	5 65	6 30	1 73	
Finishers.....	27 00				Press Feeders, wom'n.....	4 77	5 80	1 03	
Illoters.....	9 00				Compositors, daily.....	14 83	25 77	18 27	3 45
Stockers.....	9 00				Proof Readers.....	19 54	25 25	5 73	
Rekers.....	10 80				Pressmen, daly.....	13 19	17 55	18 11	4 94
Strikers-in.....	8 10				Book Compositors.....	10 28	15 22	12 15	2 59
Brick-masons.....	13 00				Book Compositors, women.....	5 42	7 11	7 22	1 60
Brick masons' helpers.....	7 97				<i>Rubber Goods,</i>				
Sinkers.....	12 50				Rubber-workers.....		12 00		
Sinkers' helpers.....	13 00				Rubber-workers, wmn.....		5 55		
Machinists.....	\$10 57				Overseer of Weavers.....		15 00		
Laborers.....	6 35	9 23	7 38	1 03	Weavers, women.....		5 46		
<i>Mis & Mett'c Goods, Fine</i>									
Wood-workers.....	9 00		10 50	1 50	Dyers.....		7 85		
Women.....	4 10		6 00	1 50	Dyers, Foreman.....		18 00		
Men.....	7 11		10 20	3 00	Sewing-phl.....		6 00		
Boys and Girls.....	3 37		4 13	1 00	Overseer of Spoolers.....		15 00		
Moulders.....	8 11		11 75	3 25	Sp olers, men.....		8 75		
Gold-workers.....	15 00		18 00	3 00	Sp olers, women.....		4 75		
Steel-workers.....	10 40		12 00	1 50	Overseer, Leather w/k.....		16 10		
Metal-workers.....	7 00		9 00	2 00	Men on Leather work.....		8 40		
Watchmen.....	7 50		10 71	3 07	Boys on Leather work.....		4 37		
Engineers.....	10 50		12 00	1 50	Quill-dr., boys & girls.....		2 75		
<i>Millinery.</i>									
Managers.....	7 87	13 23	9 02	1 73	Wood-workers.....		14 25		
Miliners.....	5 72	7 11	7 10	1 44	<i>Sizes.</i>				
<i>Musical Instruments.</i>									
Case Makers.....	13 70		13 12	3 88	Safe Makers.....	10 00	15 33	12 07	2 67
Varnishers.....	7 87		10 12	2 27	Painters.....	10 33	11 11	1 58	
Finishers.....	13 82		14 46	3 61	Helpers.....	6 28	8 88	7 56	1 28
Mill-men.....	12 88		14 19	1 11	<i>Sail-Building.</i>				
Action-Makers.....	13 17		14 09	42	Carpenters, old work.....	21 00	21 00	7 10	13 70*
Action-makers, wmn'.....	6 52		7 11	39	Carpenters, new work.....	27 00	21 00	12 10	13 00*
Tuners.....	16 40		15 00	1 40	Joiners, old work.....	22 00	21 00	12 00	10 70*
Luxators.....	7 17		7 70	53	Joiners, new work.....	21 00	16 00	9 00	12 00*
<i>Faç'ns.</i>									
Foremen.....	15 00		13 50	3 50	Painters.....	18 00	13 32	12 00	6 00*
Mixers and Grinders.....	7 93		10 46	2 53	Riggers.....	15 00	18 66	15 00	=
Boys.....	3 91		5 41	1 50	Blacksmiths.....	15 00	9 75	5 25*	
<i>Paper.</i>									
Foremen.....	16 03	16 00	21 40	9 86	<i>Silk.</i>				
Millwrights.....	9 86	16 00	15 21	5 35	Winders.....	4 20	5 40	1 20	
Rag-engine tenders.....	7 90	14 67	10 41	2 51	Dockers.....	4 80	5 40	1 00	
Paper-machine tend'r's.....	10 00	16 00	15 25	5 25	Spinners.....	5 35	6 75	1 40	
Threshing-women.....	5 70	8 19	7 40	1 70	Spoolers and Skeiners.....	4 80	5 20	1 00	
Rag-cutters.....	7 50		8 40	4 00	Dyers.....	6 75	10 20	3 75	
Finishers, girls.....	7 50	11 33	10 20	2 50	Silk-Canvassers.....	3 00	3 00	0 00	
Finis-hers, girls.....	3 92	6 13	5 27	1 35	Watchmen.....	7 50	12 00	4 50	
Finishers, boys.....	5 50		7 00	1 50	Machinists.....	7 50	15 00	7 70	
Finishers' helpers.....	5 60		7 27	1 47	Engineers & Firemen.....	7 50	10 20	3 00	
Cutters.....	6 90	8 11	7 95	1 65	<i>Socp and Candles.</i>				
Cutters, girls.....	3 40	5 33	5 00	1 00	Men.....	8 50	12 19	9 47	1 77
Bleachers.....	6 70	8 19	7 56	8 66	Candle Makeis.....	9 50	10 07	11 00	1 50
Rag-savers.....	3 17	4 10	4 53	1 26	<i>Stone.</i>				
Men on Stock.....	5 88	9 33	6 57	6 00	Quarrymen.....	5 70	6 00	1 10	
Mechanics.....	9 45		11 20	3 45	Paving-cutters.....	6 00	6 75	1 25	
Engineers & Firemen.....	6 04	10 52	8 57	2 13	Stone-cutters.....	13 50	12 00	1 50*	
Laberers.....	5 70	8 33	6 55	1 05	Polishers.....	7 50	9 00	1 50	

OCCUPATIONS.	AVERAGE WEEKLY WAGE, GOLD STD'N'D			Inc & Dec 1860-1878 comp'd	OCCUPATIONS.	AVERAGE WEEKLY WAGE, GOLD STD'N'D			Inc & Dec 1860-1878 comp'd
	1860.	1872.	1878.			1860.	1872.	1878.	
<i>Straw Goods.</i>									
Bleachers.....			9 00		Woolen Goods—Cont'd	\$	\$	\$	\$
Blockers.....			12 00		Shearers, men & boys.....	5 60	\$ 6 33	5 81	81
Pressers.....			12 00		Shearers, men & w'm'n.....	5 26		6 10	1 34
Packer.....			12 00		Shearers, boys.....	4 00		5 40	1 40
Machine Sewers.....			10 50		Fullers, pickers, and Shearers.....	5 28		6 75	1 47
Plaster-Block makers.....			11 25		Giggers.....	5 04	7 26	5 10	86
Whittlers.....			18 00		Buriers.....	5 08	7 11	6 34	1 26
Menders.....			7 00		Buriers, women.....	3 81	6 25	4 59	78
Tipplers.....			9 00		Buriers, girls.....	3 00	4 98	3 25	25
Trimmers.....			9 00		Fishers.....	6 04	7 68	7 08	1 04
Wires.....			10 00		Finishe's, women.....	3 08	4 91	4 95	1 87
Braid-winders.....			9 00		Packers, w'men.....	5 40	8 00	7 21	2 21
Machinists.....			18 00		Packers, m'en.....	3 78	6 17	5 23	1 45
<i>Tobacco.</i>									
Strippers.....	\$ 4 50	\$ 6 06	7 60	\$ 3 30	Mechanics.....	8 40	12 47	12 33	3 43
Clear-makers.....	12 00	16 00	12 75	75	Boys and girls.....	3 05		3 50	43
Cigar-makers, women.....	7 00		9 00	1 50	Pressers.....	6 50		7 10	1 00
Packers.....	15 00	17 77	18 00	2 00	Seetlin' hands.....	7 33		9 33	2 00
<i>Type.</i>									
Casters.....	11 70	15 60	12 56	1 86	Firmen.....	6 56	9 97	8 78	2 23
Dressers.....	17 14	22 00	11 10	1 96	Engi'ners & firmen.....	9 00		10 70	1 50
Not designated.....	13 00		10 00	2 00	Lab'ers.....	5 44	7 8	6 69	1 25
Rubbers.....		7 11	7 17		Watchmen.....	7 08		9 41	2 33
Setters.....		5 19			Teamsters.....	7 20		9 00	1 50
Breakers.....		4 14			Engineers.....	12 00		18 00	6 00
<i>Woolen Goods.</i>									
Wool-sorters.....	6 58	9 70	8 56	1 52	<i>Wool Hats.</i>			10 94	10 06
Washers & Scourers	5 48	8 60	6 66	1 18	Carders.....	5 33		3 50	
Dyers.....	5 52	7 95	6 66	94	Carders, f'remen.....			21 00	
Dry'rs.....	5 08	7 13	6 12	44	Carders, sec'nd hand'ns.....			9 00	
Young Persons.....	5 00		6 60	1 00	Dyers, first grade.....			12 00	
Dyers and Scourers.....	4 47		6 50	2 21	Dyers, men.....			9 00	
Washers.....	6 13		8 15	1 82	H'rd'ners, foremen.....			10 50	
Dy'rs and Dry'rs.....	4 10		6 10	2 00	H'rd'ners, boys.....			6 00	
W'sh's S'om'r's, Dry's	5 50		7 12	1 62	Machine girls.....			12 00	
Dry'rs and Tickets.....	4 70		6 60	1 50	Trimmers, women.....			8 80	7 50
Scourers.....	4 50		5 73	1 25	Carpenters.....			15 00	
Carders.....	5 32	7 70	6 19	87	Block'rs.....			14 30	9 83
Carders, women.....	3 74	4 12	3 54	80	Block'rs, overseers.....			21 00	
Carders, w'm'n, b'ys, ls	4 60		4 13	94	Finish'rs.....			17 33	15 00
Carders, young persons.....	4 00		4 70	50	Packers.....			10 22	9 50
Carders, boys & girls.....	2 62	4 40	4 60	1 38	Planders, foremen.....			21 00	
Carders, overseers.....	12 10		13 10	6 00	Planders, boys.....			7 50	
Strippers.....	4 97		6 19	1 52	Planke's, boys.....			6 00	
Strippers, boys.....	3 00		4 55	95	<i>Worsted Goods.</i>			7 00	9 00
Strippers, boys & girls.....	2 10		3 00	10	Wool-sorters.....	6 00		7 50	1 50
Spinners.....	6 70	9 20	3 04	85	Wool Washers.....	6 00		7 00	1 50
Spinners, boys.....	3 00		3 00	—	Wool-Prew'rs.....	6 00		7 00	1 75
Spinners, women.....	4 75	6 65	6 15	1 40	Wool-Combets.....	5 75		5 00	34
Spinners, y'ng persons.....	4 00	4 80	4 70	50	Wool-Finishers.....	4 50		5 04	34
Jack-spir'ns.....	6 41		8 04	1 60	Drawers.....	5 00		6 52	52
Jack-spir'ns, boys.....	2 71		3 91	1 20	Beading-tenders.....	4 00		5 82	1 83
Jack-spir'ns, y'ng pe'ts.....	3 50		5 00	1 50	Spinners.....	4 50		5 70	90
Spoilers, w'men.....	4 68		5 14	1 53	Doffers.....	3 00		3 00	30
Spoilers, i'rls.....	3 37		4 22	85	Boltin-setters.....	3 00		2 70	30
Spoilers, w'm'n & g'rls.....	2 40		4 10	20	Dyers.....	6 00		7 14	1 14
Dressers and Washers	6 48		7 18	1 20	Dressers.....	12 00		4 92	2 93
Dressers, w'men, w'mn	4 41		6 73	2 12	Twisters.....	13 00		1 94	1 94
Dressers.....	7 00		9 18	1 58	Dawers in.....	6 75		9 18	2 43
Dressers, men.....	9 00	9 40	12 75	3 75	S'eyers.....	3 00		3 90	60
Weavers.....	5 50		7 00	1 50	W'v'rs.....	6 70		7 62	52
Weavers, men.....	7 50		9 10	2 09	Section-hands.....	2 00		2 12	3 12
Weavers, women.....	5 25		6 95	1 70	Filling-tenders.....	4 00		5 58	1 58
Weavers, men & w'm'n	5 75	7 47	7 15	1 00	Buriers.....	4 50		5 40	1 20
Fullers.....	5 23	7 41	6 99	1 66	Finishers.....	6 70		7 02	53
Shearers.....	5 40		6 00	1 20	Craibbers.....	6 70		7 50	1 00
					Driers.....	6 80		7 98	1 18

* Indicates decrease in wages. = No change in wages. Darks, wages not obtained.

LIVING EXPENSES.

The above result concerning wages being arrived at, the subject of the cost of living becomes an interesting question. We present a table showing the prices of

groceries, provisions, fuel, dry goods, boots, rent, and board, for 1860, 1872, and 1878, together with a column showing the per centage of increase or decrease on each item of expense for 1878, as compared with 1860:

Quantities.	ARTICLES.	AVERAGE RETAIL PRICES. STANDARD, GOLD.			Per Centage of Increase or Decrease for 1878, as compared with 1860.
		1860.	1872.	1878.	
GROCERIES.					
Barrel.	Flour, Wheat, superfine.	\$7.61	\$10.75	\$8.63	13
Barrel.	Flour, Wheat, family.	7.14	12.75	7.95	10
Pound.	Flour, Rye.	3	3	3	16
Pound.	Corn Meal.	2	1	2	* 4
Pound.	Codfish, dry.	5	8	5	13
Pound.	Rice.	7	11	9	22
Quart.	Beans.	8	9	8	5
Pound.	Tea, Oolong.	5.4	9.0	7.0	10
Pound.	Coffee, Ro. green.	21	34	21	10
Pound.	Coffee, roast'd.	23	42	26	13
Pound.	Sugar, good brown.	8	10	8	5
Pound.	Sugar, coffee.	9	10	9	3
Pound.	Sugar, granulated.	10 $\frac{1}{2}$	12	10	* 3
Gallon.	M. lasses, New Orleans.	10	10	57	13
Gallon.	Molasses, Porto Rico.	57	16	68	18
Gallon.	Syrup.	3.3	7.5	8.0	35
Pound.	Soap, common.	8	8	7 $\frac{1}{2}$	* 7
Pound.	Starch.	11	12	9	* 13
PROVISIONS.					
Pound.	Beef, roasting.	11	12	14	23
Pound.	Beef, soup.	4	7	5	10
Pound.	Beef, rump steak.	11	20	20	41
Pound.	Beef, corned.	6	10	8	26
Pound.	Veal, fore-quarter.	7	10	10	39
Pound.	Veal, hind-quarter.	11	17	15	40
Pound.	Veal, cutlets.	14	28	20	40
Pound.	Mutton, fore-quarter.	7	10	10	39
Pound.	Mutton, leg.	13	19	17	39
Pound.	Mutton Chops.	13	15	13	38
Pound.	Pork, fresh.	11	12	10	* 7
Pound.	Pork, salted.	11	11	9	* 11
Pound.	Hams, smoked.	13	13	12	* 4
Pound.	Shoulders, canned.	8	10	9	7
Pound.	Sausages.	11	12	11	* 1
Pound.	Lard.	13	12	10	* 19
Pound.	Mackerel, pickled.	9	13	12	32
Pound.	Butter.	21	19	25	15
Pound.	Cheese.	13	17	12	* 7
Bushel.	Potatoes.	59	1.03	17	65
Qua. t.	Milk.	4	8	5	13
Dozen.	Eggs.	20	20	25	22
FUEL.					
Ton.	Coal.	6.40	9.25	6.45	1
Cord.	Wood, hard.	6.49	10.12	6.71	4
Cord.	Wood, pine.	4.42	7.00	5.01	14
DRY GOODS.					
Yard.	Shirting, 4-4 brown.	9	13	7	* 18
Yard.	Shirting, 4-4 bleached.	10	16	9	* 13
Yard.	Sheeting, 9-8 brown.	10	14	9	* 16
Yard.	Sheeting, 9-8 bleached.	13	19	11	* 11
Yard.	Cotton Flannel.	15	27	11	* 7
Yard.	Ticking.	17	24	17	56
Yard.	Prints.	11	11	7	* 30
Yard.	Satinet.	56	59	54	* 3
BOOTS.					
Pair.	Men's heavy.	2.75	3.94	3.24	13
RENTS.					
Month.	Four-rooms tenement.	4.45	14.75	5.55	23
Month.	Six rooms tenement.	7.54	16.00	9.43	23
BOARD.					
Week.	Men.	2.79	5.62	4.19	56
Week.	Women.	1.79	3.75	2.63	47

* Decrease. All the rest Increase in cost.

ADVICE TO THOSE SEEKING NEW HOMES.

"GO WEST, YOUNG MAN."—Horace Greeley.

For some years after the late civil war, emigration from Europe increased, and the average number of arrivals of immigrants, for the port of New York alone, for the nine years 1865-1873, both inclusive, was 240,000. But in 1874 there was a sudden reduction in the number of arrivals; falling off from 266,118 in 1873 to 104,041 in 1874; 84,560 in 1875; 68,264 in 1876, and 54,536 in 1877. In 1878 the trade began to rise again—75,347 coming to the port of New York, and 138,469 at all points. It should be said, also, that a larger number than formerly came into the country by way of the Dominion of Canada, and other Atlantic and Pacific ports. In all about 4,620,000 immigrants have arrived in this country since 1861. The past falling off in immigration was due to several causes; the depression in business and finances, which had lasted from 1873 to 1878, had caused many business failures, and the reduction in values, a necessary prelude to resumption, had almost paralyzed manufacturing. Our immense agricultural crops were sold at very low prices, because there was not, until 1877 and 1878, a large demand for them from Europe, the cereals of Southern Russia being marketed at a lower price—and the production was too great for the consumption of the home market. Meanwhile the demand for labor at remunerative prices was, until 1877, taking all things into account, better in Europe than here—and the number of emigrants who returned to their homes in Europe was greater than at any previous period. As our condition began to improve, and business grew more at risk, and manufacturing revived here, the state of affairs in Europe became rapidly worse; in Great Britain the indebtedness in India was crushing the wealthy firms engaged in that trade; the demand for their manufactures from this country and other countries was rapidly diminishing, and, to a large extent, our goods were taking their place. There was little demand, except from India, which could not pay, for British iron and steel; Belgium, France and Germany were underbidding English iron masters on their own soil. The goods of Manchester and Sheffield remained on their shelves, and American goods of better quality were offered in those cities at lower prices. The failure of the Bank of the City of Glasgow in October, 1878, of the West of England Bank in December, and of one or two smaller institutions subsequently, caused great numbers of failures; and the extensive strikes which followed the attempt of the manufacturers, ship builders and mine owners to reduce wages, added to the general gloom. While this reduction was a matter of necessity on the part of the capitalists, it bore with great severity on the working classes. When, in addition to this, the government was carrying on war in Afghanistan and in Zululand, and had accepted heavy responsibilities in Asia Minor, Cyprus and Egypt, involving increased taxation, and India was hopelessly in debt, there was great room for apprehension, and the tendency to emigration is a natural consequence of that apprehension.

On the Continent the condition of things was not much better. Germany, Italy, Spain and France were in a condition of upheaval. Socialism on the one side and Ultra-montanism on the other, are threatening the peace of all four, and attempts at repression only aggravate the difficulty. Russia is permeated by Nihilism, the worst form of socialism, because it is only destructive, with no desire or intention of reconstruction. Turkey is in a deplorable state, but her people do not migrate westward. From the other countries named, as well as from the Scandinavian States, the probabilities are strong of a greater immigration to this country than we have ever seen. Neither Canada nor Australasia offer any such inducements to the industrious and peace-loving immigrants as we can offer—and we shall, unquestionably, receive the larger portion of them.

Let us, then, give some friendly and disinterested advice to those who are intending to come and make their homes in our country. We are not interested in any land scheme—any railroad or transportation company; we are not citizens of any of these-called land States or Territories, and do not own an acre of land in any one of them; we are simply intelligent citizens of the United States, patriotic enough to desire the growth and prosperity of our country, and its settlement by honest, upright, law-abiding, industrious citizens, who will build up for themselves and their children homes here in which they may enjoy long life and prosperity.

We have taken the utmost pains to obtain the most thorough information possible in regard to the different States and Territories which are inviting immigration, and what we have to say here, will be found to be entirely true, and without any coloring of personal interest.

But it is not alone for European emigrants that we have collected this information. Since 1873 more than two million American citizens have migrated from the Eastern States to the States and Territories west of the Mississippi; and perhaps as many more, most of them mechanics and young farmers, though including also other professions and trades, are fully determined to go within the next year or two. We would not seek to detain them at the East, for there is a grand field for development in the West, and the greater the number of intelligent, industrious and patriotic American citizens who shall settle its vast prairies and carry thither the religious, literary and political institutions which have caused the East to prosper in the past, the stronger will be the guaranty of the perpetuity of our Union with its noble heritage of free institutions.

To both classes, then—the emigrants from foreign lands and our own sons, brothers and friends—who are setting their faces westward, we would address our counsels.

1. We would say, first, to all intending emigrants, whether from our own or foreign countries, do not go West without some ready money beyond your travelling expenses, and the amount necessary to secure your lands. If you are intending to be farmers, you will need money to stock your farm, to buy seed and food for your stock, and to support your family until you can realize on your first crop. The emigrant who is thus unprovided will fare hard in a new country, though the settlers there are as generous and helpful as they can be. The larger the amount of ready money an emigrant can command, the more easily and pleasantly will he be situated. The building of a rude house, and furnishing it in the plainest way, will consume considerable money—and the first breaking up of his land, the necessary agricultural implements and machines, and the hire of help in putting in his crops, aside from the cost of stock and fodder, will add to his early expenses. The man who can go to any of the western States or Territories and take up a farm and have on hand, after paying the necessary fees and land expenses, \$1,000 (£200), will have a very comfortable time, and will, under ordinary circumstances, be well situated for the future. The man who has a much smaller sum will find that he has many hardships to undergo, and will do better to seek employment as a hired laborer for the first year, purchasing his land meanwhile, and if possible, getting in a crop.

The mechanic or operative who goes West for a home also needs capital, though perhaps not as much, if his calling is one of those which are indispensable in a new country. A good carpenter, mason, blacksmith, miller, sawyer, stone-cutter, brick-maker, painter and glazier will be reasonably sure of remunerative work very soon; but two or three hundred dollars at least, and as much more as they can command, will be needed. For professional men there may be a longer waiting required. The clergyman may have a congregation to preach to, but the salary he will receive from them at first will be very small, and unless he can derive at least a part of his salary from other sources, he will be very sure to suffer. The physician will find his services in demand but his fees will, many of them, be collected with difficulty. The lawyer may have to wait long for business, but will generally manage to get his pay for his services. The editor, the artist, the bookseller, and the dealers in luxuries generally must wait till society reaches its second stage of development.

2. Be deliberate in the choice of a location, and do not decide until you have carefully weighed all the advantages and disadvantages of each. It is our purpose to set these before you so fully and fairly as to aid you in this matter.

It is not necessary to go to the West in order to find land at a reasonable price, in good and healthy locations, and within moderate distance of a good market. There are large tracts in Maine of very fair land, with ready access by river or railroad to good, though not large, markets. The soil is not as rich as that at the West, and the winters are long and cold; the climate is healthy, except a strong tendency to pulmonary consumption, which is the scourge of most cold climates on the seaboard; but these lands compare very well with the new Canadian lands, and are more accessible to markets. Wheat, rye and barley can be grown to advantage, but the summers are not generally long enough for Indian corn, though a very large business is done at Sac, Biddeford, &c., in canning the green corn for consumption. The long winters make the rearing of cattle and sheep less profitable than in southern regions. The other New England States have but little land which, at the prices at which it would be sold, would be attractive to emigrants.

The State of New York has much desirable land for settlers. The eastern two-thirds of Long Island has a light, friable soil, easily cultivated, inclined to be sandy, but yielding very large crops when properly manured, with abundant manures, and railroad lines giving it speedy access to the New York and Brooklyn markets, the best on the Continent. The whole island might and should be covered with market gardens, and flower gardens. Much of this land is purchasable at from three to ten dollars an acre, and for market gardening from 10 to 20 acres is sufficient. The climate is mild and healthful, and the prompt returns for labor sure. It is necessary that the settler should know something of the business of market gardening; but this is as easily acquired as any other agricultural business. The Island is, in its greatest length, 104 miles long, and from 7 to 15 miles broad. The difficulties in regard to this region in the past have been due to the want of good railroad communication; but these have now disappeared, and the railroads will multiply from year to year. Within ten years these lands will increase in value, certainly five fold and possibly ten fold. There are extensive tracts of land in eastern New Jersey which might also be easily transformed into rich market gardens, as some of them have already been. But to return to New York. In the northern part of the State there is a vast tract known as the John Brown Tract, covering the greater part of several large counties, of excellent farming lands, much of it forest, with numerous lakes and streams—valuable land for grain crops, especially wheat, barley, rye, oats and buckwheat, and much of it excellent grazing land. It has been proposed to set it apart as a public park, with a view to the utilization of its lakes and streams for the supply of the canals and the upper waters of the Hudson. There are railroads and navigable streams on all sides of this vast tract, but as yet no railroad through it, though this difficulty would be readily overcome if it were fairly opened for settlement. All the cereals except Indian corn could be produced abundantly. There is much wild game in the tract, deer especially, and feathered game of all sorts, and delicious fish in great abundance. There are some bears, catamounts, lynxes, badgers, and many foxes, woodchucks, rabbits, squirrels, &c., &c. The markets are Ogdensburg, Oswego, Watertown, Rome, Utica, Little Falls, Schenectady and Albany. Land can be purchased at from 50 cents to \$5 per acre.

Pennsylvania has, near the centre of the State, a similar tract of desirable though mountainous land.

But perhaps, in some respects, the most desirable region for some classes of immigrants and settlers is to be found in West Virginia. The region is hilly and parts of it too mountainous for cultivation, but wherever it can be cultivated the soil is rich and productive. The whole region abounds in valuable timber—black walnut, oak, ash, beech, hickory, chestnut, and other hard woods, with a fair proportion of hemlock and pine. These command high prices at markets readily accessible. Its mineral wealth of coal, of the best quality, petroleum, salt, lime, baryta, &c., is inexhaustible—and the markets of Cincinnati, Pittsburgh, Richmond, Norfolk and Baltimore are easily accessible from nearly all points of the State. Three railroads cross the State, one at its northern border, one at its southern, and one nearly through the centre. The Ohio River also skirts the border of the State on the north-west and is navigable for large steamers. The climate is excellent. Land can be purchased in this State at from \$3 to \$10 per acre, and tracts not so desirable at lower prices. The Governor of the State will furnish all the information needed.

In the Southern Atlantic States there is a fine climate and much good land offered at reasonable prices, but, with the exception of Florida, the social, political, educational and financial conditions of these States are not such as to make emigration to them desirable. The only way in which emigration to Virginia, North Carolina, South Carolina, Georgia, Alabama, Mississippi, Louisiana, or Arkansas, is practicable, is by colonies; and in most of those States, there would still be difficulties and disabilities which would make a residence there unpleasant. These States are ruled too much by the pistol, the rifle, and the shot-gun, to make life agreeable there. Florida is obtaining a large population of northern settlers, and though some portions of the State are subject to malarious fevers, and its principal towns suffer occasionally from yellow fever, the climate in the interior is delightful, and the culture of the orange, lemon and fig, and other semi-tropical fruits, is becoming large and profitable. Lands in desirable portions of the State are much in demand and are bringing higher prices than those we have named from other States.

Texas has, since 1871, been a favorite resort for those emigrants who desire a warm climate. The interior of the State is very healthy, and for rearing cattle, sheep and horses, its advantages are superior to those of any other State. The

lands, especially in eastern and middle Texas, are very fertile and yield immense crops of Indian corn, sorghum, sugar-cane, cotton, rice and tobacco. The best mode of settlement here is by colonies, and the region to be settled should be carefully explored by a committee of the colonists in advance. Western Texas is very dry, and along the Mexican and northern borders, Mexican raiders, and Apache and Comanche Indians very often make plundering expeditions, carrying off horses and cattle, and destroying property and occasionally murdering the settlers. The finances of the State are not so well administered as they should be, and the taxes are largely in arrears. It is easier to obtain a clear title to lands here than in most of the States where the title does not come either from the U. S. Government or from the railways to which the government has made grants. Land can be obtained, unimproved, at from \$1 to \$5 per acre.

Tennessee (East Tennessee in particular) has much desirable land. The valleys along the Appalachian chain, in eastern Kentucky and Tennessee, extending into northern Georgia and Alabama, have a delightful climate, great mineral wealth, and much valuable timber, and in many places a fertile soil. For capitalists, miners, workers in iron, copper or zinc, colliers, and the mechanical trades generally, this region gives better promise of obtaining a competence than most others. A number of large colonies from Great Britain have already located themselves here, and, even under the financial pressure of the past five years, most of them have done well. Middle Tennessee has also much desirable land for settlers, and it is offered at low prices. The financial condition of the State is not good, and the party in power have shown a proclivity for repudiation of their past debts, which has given them a bad reputation abroad. East Tennessee is traversed by several railways and has for its markets, Chattanooga, Cincinnati, Charleston and Savannah. Middle and Western Tennessee raise large quantities of cotton, Indian corn and peanuts, as well as sorghum, wheat, barley, oats, &c. East Tennessee produces very little cotton, but more of the food products. Land can be obtained at low prices, especially if purchased for colonies in large tracts.

Arkansas has in its western portion large tracts of very fair land, hilly but productive, and with great mineral wealth. The mountains are well covered with heavy timber. The climate is salubrious and especially adapted for those having any tendency to pulmonary diseases. Rheumatic and gouty diseases are much benefited by the Hot Springs. Yet the social, political and financial condition of the State is such that we hesitate to recommend it as a home for emigrants.

While Missouri has many tracts of land suited for emigrants, we must, until she repeals her repudiation laws, regard her as an undesirable State for our own citizens or those seeking a home from foreign countries to make their residence. Mechanics and machinists will often find in St. Louis good and remunerative employment, and miners may find work in her iron, lead and coal mines.

In Indiana, Illinois and Iowa there are no very desirable lands belonging to the United States Government, and certainly none which could be taken under the Homestead, Pre-emption or Timber Culture Laws—and very little in Wisconsin. The Illinois Central R. R., Chicago & North Western, Chicago, Rock Island & Pacific, Burlington & Missouri River, and several others have land grants and will sell alternate sections to settlers at from \$3 to \$10 per acre. These lands being on trunk railroad lines are, in many cases, desirable as investments.

But in the States of Minnesota, Nebraska, Kansas, and Colorado, east of the Sierra Nevada, and the Territories of Dakota, Wyoming, Montana, Idaho, Utah, New Mexico and Arizona, there are still very considerable quantities of government lands; though in each of the States and in the Territories of Wyoming, Utah and New Mexico, there have been large grants to railroads.

Of these States and Territories some are more desirable than others, though all have their advantages and disadvantages. Minnesota has a fertile soil, great enterprise, and a magnificent future. The climate in winter is cold, but dry and uniform; in summer it is delightful. The western portion of the State, which forms a part of the valley of the Red River of the North, is the best land for Spring wheat in the United States, and the larger portion of the Minnesota wheat, which has a world-wide reputation, is raised there. This region is attracting great numbers of immigrants, and is traversed by several railroads—the Northern Pacific, and the railroad now building through the Red River Valley from Pembina southward, are the most important. Lands every way desirable can now be procured in this region, by the use of cash or bounty land scrip, under the Homestead Act or under the Timber Culture Act. We shall explain these processes of obtaining lands further on. Lands can also be obtained by individual settlers from the railroads which gridiron

the State, at somewhat higher prices, but with the advantages of a ready access to good markets. Considerable portions of the State are well adapted to grazing, but the cattle and sheep must be carefully housed during the long winter, and hence the cost of raising stock for food purposes is greater than in most Southern States and Territories. Butter, cheese and wool are largely produced, and with much profit. The principal cities and towns have had a very rapid but healthy growth, and are good places for industrious and enterprising mechanics to find abundant and remunerative employment.

Dakota Territory, which joins Minnesota and Iowa on the west, is one of our newest territories. An effort likely to be successful is now making to divide it and to organize from it, with perhaps the addition of a small portion of Wyoming and Montana Territories, a new territory to be called Lincoln, which shall include the whole of the Black Hills region, where recent gold discoveries have built up a thriving district. This measure would work no ill to Dakota and would greatly facilitate the development of the new territory. The greater part of the settlements of the Territory of Dakota, as it will be after this new territory is organized, are in the eastern and south-eastern portions; the Northern Pacific Railroad crosses the State just below the 47th parallel, and Bismarck, its station on the Missouri River, is a town of some importance, and other towns are growing up on the line of that road. The eastern or rather north-eastern counties adjoining Minnesota are in the fertile valley of the Red River of the North, and are admirably adapted to wheat culture. South-eastern Dakota has also a very rich soil, and is equally well suited for grazing, and the culture of cereals or root crops. A correspondent of the Milwaukee (Wis.) *Sentinel*, who had spent some time in S. E. Dakota in the autumn of 1878, says that in Hanson County, 60 miles north of Yankton (the capital of the territory), on the 1st of December, 1878, "the ground was free from snow, and cattle and horses were feeding on the wild prairie grass. No country in the world produces a more nutritious grass; oxen need no other food. For stock and sheep raising this region has perhaps no rival in a northern latitude, and offers special attractions to the dairyman." Another correspondent writing about the same time, says of this region: "Dakota is par excellence a stock country, as the natural grasses are rich, and yield heavy crops of hay. All that is to be done is to pay for herding in summer, and to cut hay and cure it for winter use. The cost of herding is about ten shillings per head for a season of five months. Sheep pay well, the climate being dry and the lands rolling. The soil will grow anything to perfection adapted to the latitude, as it contains an almost inexhaustible supply of plant food. I saw a carrot two and a half feet long, and it was not considered much of a carrot either." Mr. W. H. Swartz, for some years a highly respected citizen of that part of Dakota, writes to the *Examiner and Chronicle*, New York, in March, 1879, that "the chief business of the region is agriculture. Stock raising will return 100 per cent. on investment every three or four years, and can be carried on regardless of grasshoppers (the Rocky Mountain locust, which has in some years destroyed the grain crops) and the influences that sometimes affect the small grains. Water is to be found at a depth of from 15 to 25 feet, mostly of a very good quality." "The soil is equal to any in the world. The climate is milder than in the same latitude east by some degrees. The Spring opens fully as early, ordinarily, as at Pittsburgh, Penn. The fall season is exceptionally fine, affording the farmer ample time to secure his crops. There is railroad to Yankton, the capital, in the south-east corner of the Territory, and several others projected but not finished; there is also the Northern Pacific Railroad, already mentioned, just below the 47th parallel and crossing the territory from east to west. The Missouri River is navigable through nearly the whole of its extent in the territory, for steamers. The eastern counties in the Red River Valley can send their grain to market by Minnesota railroads. Still it must be acknowledged that the want of railroads increases the expense of transportation of crops and goods. This is a present objection to Dakota, but it will soon cease to be so for railroads in the west keep pace with the increase of the population. Meantime, as this territory is the most accessible of any of those which contain a large amount of government land, with a healthful climate, abundant streams, and other advantages for emigrants, we may as well describe here the processes by which an emigrant farmer can obtain 40 acres of government land of the best quality at a very moderate cost. The same process will procure these lands in the other States and Territories where desirable government lands are yet for sale—but it is not to be forgotten that desirable government lands are fast becoming scarce.

The method of obtaining them is thus described by Mr. W. H. Swartz, a prac-

tical business man, thoroughly familiar with Dakota, but now residing at Eyota, Minnesota:

There being but few railroad land grants in Dakota, the only way to obtain these lands is to enter them under the Homestead laws of the U. S. A. Every citizen of the United States, or those who declare their intention to become such, over twenty-one years of age, whether male or female, except the married wife, possesses three rights entitling them to 480 acres of government land: the right of pre-emption, homestead, and an entry under the Timber Culture Act. A pre-emption is a fourth of a section, or 160 acres of land, obtained by occupancy and improvement, and the payment of \$1.25 per acre, or \$200 for 160 acres. Payment can be made at any time after 6 months or within 33 months from date of entry, and a deed obtained allowing to dispose of or hold the purchase at will. A homestead is a similar tract obtained by the payment of \$14 government fees, and the continued occupancy and improvement of the land for five successive years. Persons are not required to remain on it uninterrupted, but an abandonment for six months works a forfeiture. Those who prefer, and are able, can secure a title after six months by paying the pre-emption price. A claim under the Timber Culture Act is secured by paying \$14 government fee, and the planting of tree seeds or cuttings to the amount of ten acres. Three years' time are allowed in which to do this, making the cost merely nominal. Persons entering a claim for timber culture are not required to occupy it, or even go upon it, if they do not desire to. The improvements can be made by employed help. Two years are allowed before any trees need be planted, and the entire expense, if done by employed labor, will not exceed \$120 for the entry. Every individual may enter either her pre-emption or homestead and a claim under the Timber Culture Act at the same time, making 320 acres, and after fulfilling the requirements of the law regulating either of the former two, can exercise his remaining unoccupied right, giving him 480 acres. Persons wishing to enter these lands must appear in person at a Territorial United States Land-Office, or before a Clerk of the Court for the county in which the land is located. All persons, however, who have served in the army or navy of the U.S.A., or their widows or orphans, can enter a homestead through power of attorney for the sum of \$2, and hold the land one year without occupying it. They have also the privilege of changing their entry to any other selection within six months, and if they fail to ratify their application at the end of the six months and enter upon their claim, no forfeiture is made excepting the privilege of filing again by power of attorney.

Nebraska is one of the newer States of the Union, admitted in 1867. Its area is nearly 76,000 square miles, a little less than that of England and Scotland together. Its population, which was 122,993 in 1870, was not less than 450,000 in 1879. The increase by immigration alone, in the year ending June 30, 1878, was not less than 100,000. There were sold to immigrants in that year 614,774 acres of pre-empted, homestead and timber culture lands by the government, and 303,991 acres of railroad lands, making nearly 920,000 acres beside all sales of private farms and all the uncompleted sales of government lands. The unsold government lands amounted at that time to about twenty-eight million acres, but only a portion of these were desirable.

The climate is excellent, though the heat of summer is sometimes intense for a few days, and the winds in winter sweep over the prairies with great force. Western Nebraska, beyond the 100th Meridian W. from Greenwich, is subject to drought, the rainfall being comparatively small; but the influence of settlement and cultivation, and especially of tree-planting, has been remarkable in increasing the amount of rain fall. The crop of cereals in 1877 in the State was about 50,000,000 bushels; in 1878 over 80,000,000 bushels. Much of the country is admirably adapted to grazing purposes—and with, at the utmost, a few weeks' shelter, cattle can obtain their own living from the prairie grass. Many of the settlements are by colonies, and these have generally done well. Of the more recent immigrants, the greater portion are from the Eastern and Atlantic States. The Missouri River forms the entire eastern boundary of the State, and is navigable and navigated by large steamers for the whole distance; the Platte River and the Niobrara, which traverse the breadth of the State from east to west, are not navigable throughout the year or for any considerable distance. The Platte is a broad but shallow stream, and receives many affluents from its north bank, but very few from the south bank. The numerous branches of the Kansas River, which water the southern and southeastern part of the State, largely supply this deficiency. The Union Pacific R.R., which follows the Valley of the Platte, Lodge Pole Creek, and the South Fork of

the Platte, crosses the State near the middle from east to west; and the Burlington and Missouri River, the Atchison and Nebraska, St. Joseph and Denver City, Midland Pacific, and other railroads, afford ready access to southern and south-east in Nebraska. Portions of the State have suffered from the grasshopper or locust plague; but it is believed that the measures proposed for their repression will be found effective. The Colorado beetle or potato bug, which threatened at one time the destruction of that valuable tuber, is now regarded with indifference. Its prevalence in such vast numbers, and perhaps that of the Rocky Mountain locust also, was due to the wanton destruction of the prairie hens and other descriptions of grouse, which had been carried on for several years. North-western Nebraska offers less inducements for settlers than the rest of the State. It is dry and sandy, and the soil is covered in summer with alkaline deposits. Water is scanty, and many of the small lakes or ponds are saline or alkaline.

Kansas, the state next south of Nebraska, is an older state than Nebraska, but admitted into the Union so lately as 1859. It lies between the parallels of 37° and 40° N. Lat., and the meridians of 95° and 102° W. longitude from Greenwich, and is the Central State of the United States, and in some sense, the heart of the North American Continent. Its area is 81,318 square miles, about the same as that of England and Scotland. Its population in 1860, was 109,000, in 1870, 364,399, and is now probably not less than 730,000. In the year ending June 30, 1878, 1,711,572 acres of government lands were sold, and probably over a million acres of railroad lands.

The climate of Kansas is healthful and pleasant, occasionally the heat is intense in summer, and the average rainfall, especially in Western Kansas, though increasing, is yet somewhat less than is desirable. Much of the soil is very fertile, and that portion of the state lying west of the 100th meridian, though alkaline, is tolerably well watered, and the profuse planting of trees there has so much increased the rainfall, that these lands bid fair to yield excellent wheat and barley crops.

The State is rapidly settling, and in productiveness ranks with the older states. Its crops of Indian Corn rank third or fourth in the Union, and the Wheat crops seventh or eighth. Its soil is well adapted to the growth of cereals and root crops, while it has excellent facilities for stock-raising. Though for so new a state it is traversed by an unusual number of railroads, and all portions except the north-west are readily accessible by means of the great lines and their branches and feeders, yet southern and south-western Kansas seem to be at present the regions most sought by settlers. Like its neighbors in the north and west, Kansas has had its visitations of drought, of grasshoppers or Rocky Mountain locusts, and of Colorado beetles, but has survived them all, and by the abundance of its crops for three or four years past, has recovered from its losses. It is hardly probable that it will be desolated by either of these scourges again very soon. The educational advantages of both Nebraska and Kansas are excellent, and the two states are in a good financial condition. The principal towns in Kansas are thriving and growing rapidly, and offer good opportunities of employment to industrious and intelligent mechanics.

COLORADO is the latest accession to the sisterhood of states, having been received in the Centennial year, 1876. It lies between the parallels of 37° and 41° N. Lat., and the meridians of 102° and 109° west longitude from Greenwich. Its area is 104,500 square miles, a little less than that of the United Kingdom of Great Britain and Ireland, and its population, which in 1870 was 38,864, now probably exceeds 200,000. Unlike the states and territories previously described, it is a mountain state; the Rocky Mountains in two nearly parallel ranges, pass through it from north to south nearly centrally, and have within the bounds of the state some of their loftiest peaks. The table-lands and foot-hills by which the Rocky Mountains are approached from the east, are themselves elevated, and most of the arable and pastoral lands of the state are from 4,000 to 7,000 feet above the level of the sea. The mountain peaks rise to an altitude of from 12,000 to 15,000 feet. On the western portion of the state beyond the Rocky Mountains, the surface is exceedingly rough, though with some beautiful valleys. The Grand, Green and San Juan Rivers and their affluents, which are the sources of the Colorado of the West, plough through these broken lands in canons varying in depth from 2,000 to 4,000 feet. This is one of the new mining regions, and gold and silver are found in paying quantities by those who are willing to undergo the hardships of the way and the still greater hardships which attach to the miner's life in such a region.

Another peculiar feature of Colorado is its vast natural parks. There are several of these, the largest being the North, the Middle, the South and the San Luis Parks. They are extensive fertile valleys, surrounded by the lofty mountain walls of the Rocky Mountains, and are undoubtedly the beds of ancient lakes of vast extent,

which, in some of the upheavals of the geologic periods, have been drained, and formed these beautiful valleys. These parks are six or seven thousand feet above the sea. Their whole surface is covered with a rich and abundant herbage, and in the season, with the gayest flowers.

Colorado has much good soil, but for the most part is better adapted to grazing than to the culture of the cereals and root crops. Its grasses are eagerly sought by cattle and sheep, and both thrive and fatten on them. At the close of the last year this new state had over half a million of cattle and 750,000 sheep in its pastures. Notwithstanding the elevation, both cattle and sheep seldom require to be sheltered and fed during the winter. Most of the arable lands require irrigation, for which, in many sections, provision has been made, and if properly irrigated, the lands yield almost incredible crops. In the table lands of Weld County, in the N. N. E. part of the state, irrigated fields are reported by the very highest authority, to have yielded in successive years, over 300 bushels of Indian corn to the acre, a yield never equalled elsewhere. To the enterprising farmer with a small capital, perhaps no portion of the west offers a better opportunity of profitable investment and labor. The grains, vegetables and root crops, which by irrigation yield so abundantly, are in immediate demand at profitable prices, by the mining and other population. Those farmers who are engaged in stock raising, are large purchasers of vegetables and grain, and as from the salubrity, dryness and elevation of the country, Colorado has become a favorite resort for invalids, the towns form excellent markets for produce. Eastern Colorado is well provided with railroads. The Denver Pacific, the Atchison, Topeka and Santa Fe, the Colorado Central, and several minor roads, some of them of narrow gauge, traverse these table lands, while the Union Pacific skirts its northern border. As yet the principal range of the Rocky Mountains in the State has not been crossed, and Western Colorado has no railroads in operation, but at the present rate of progress this will not long be the case. The recent discoveries of gold and silver in enormous quantities at Leadville, Silver Cliff, Rosita, and further West, near Ouray, are producing a stampede in that direction, and will compel the quick completion of railroads now in progress.

WYOMING TERRITORY lies between 41° and 45° of north latitude, and between the meridians of 104° and 111° of west longitude from Greenwich. The Rocky Mountains cross it diagonally from north-west to south-east, covering a breadth of more than 200 miles, though between the ranges there are some fine, arable valleys, especially those of Big Horn River and its affluents, and the north fork of the Platte River. Between the 42d and 43d parallels the Sweet Water Mountain range crosses the Territory from west to east, terminating at the east in Laramie Park. The two parallel diagonal ranges, are the Wind River Mountains on the west, and the Big Horn on the east. A small portion of the Black Hills region, now noted for its gold mines, is in the north-east of this Territory, and the Yellowstone National Park, covering 3575 square miles, containing the most wonderful natural curiosities in the world, is in the north-west corner. Wyoming has an area of 97,883 square miles, or 62,645,120 square acres, considerably more than England, Wales and Scotland, but only one-eighth of the whole had been surveyed, to July, 1878. The mineral wealth of Wyoming is perhaps less abundant than that of some of the other States and Territories, though gold in paying quantities is produced at several points. The whole amount of deposits of gold and silver at the mint or its branches, from Wyoming Territory since its first settlement, is only \$684,000. Copper is found at several points, but awaits development. There are, also, iron, lead and gypsum in large quantities. But the most profitable mineral product of the country is coal. It is supposed to be lignite, being found in tertiary deposits, but it is of very good quality, and is used not only on the Union and Central Pacific Roads, which travers the southern part of the Territory, but in the towns and villages along those lines.

Wyoming is better adapted to the raising of cattle than to the culture of grain and root crops. In many quarters there is a good hay crop, but for cereals or roots, irrigation is required, and in valleys, with this aid, large crops are raised.

The presence of a large population of consumers of food will insure a prompt and ready market at high prices for vegetables and cereals, and will justify considerable outlay for irrigation.

The rush of travel toward Yellowstone National Park, will make the stations on the route thither excellent markets for all kinds of produce. The Indians in the Territory are generally peaceful and friendly.

MONTANA TERRITORY lies north and north-west of Wyoming, extending to the boundary of the Dominion of Canada on the north, joining Dakota on the 55th

meridian, and extending to the Bitter Root and Wind River Mountains, the westernmost range of the Rocky Mountains on the west. It lies between the 45th and 49th parallels of north latitude, the west portion dipping down to the 44th parallel, and between the 104th and the 116th meridians west from Greenwich. Its area is 143,776 square miles, or 92,016,640 acres, or one seventh larger than the United Kingdom of Great Britain and Ireland. It is a mountainous country, though it has many beautiful and some fertile valleys, and some extensive plains. The various ranges of the Rocky Mountains traverse the whole western portion, covering a width of from 150 to 180 miles. The Bitter Root range divides it from Idaho Territory. There are also lower ranges dividing the Yellowstone from the Missouri, as well as north of the Missouri, and south of the Yellowstone; they run from west to east.

The Territory is well watered. The sources of the largest rivers of the continent, the Missouri with its great tributaries, the Yellowstone and the Madison, Jefferson and Gallatin, and the head waters of the Snake and Clark's Fork, the two great tributaries of the Columbia River, are in this Territory. The climate is mild and temperate except on the high elevations. The rainfall is from 12 to 16 inches annually, and is increasing, but the facilities for irrigation are generally good.

The Territory is rich in mineral wealth, 120 millions of dollars of gold and silver, mostly gold, having been produced in its mines since 1861. The yield in 1878 exceeded \$5,000,000. There are also valuable copper ores, coal beds, (lignite) and petroleum springs in this Territory.

About one-ninth of the whole land in Montana has been surveyed; while there is much of the Territory which is unsurveyable, and worthless for agricultural and pastoral purposes, there is also a much larger amount of valuable land than has hitherto been supposed. The sage-brush lands, covered with alkali, and formerly supposed to be worthless, prove, under the increased rainfall, and especially with moderate irrigation, the most fertile lands for cereals in the world. The wheat and oats produced on these lands, surpass all others in the market in weight and quality. But this Territory is especially adapted for stock raising, and has already very large herds and flocks. The returns in 1878 show 300,000 cattle and 100,000 sheep, about 40,000 horses and mules. There are no railroads as yet, in the Territory, but it is very accessible by the Missouri and Yellowstone, and has good wagon roads. The Indians are not likely to be very troublesome.

IDAHO TERRITORY lies between the parallels of 42° and 49° north latitude and meridians of 111° and 117° west longitude from Greenwich. It is of irregular form, narrow at the north and broad at the south, its eastern boundary being the Bitter Root and Wind River range of the Rocky Mountains, the westernmost range of these mountains.

It is for the most part in the Valley of the Snake or Lewis River, the main tributary of the Columbia River, and part of the great basin lying between the Rocky and the Sierra Nevada or Cascade Mountains, but is crossed by several considerable ranges, those on the south-east and south forming the borders of the Great Salt Lake Basin, the Coeur d' Alene Mountains in the north being outlying spurs of the Bitter Root Mountains, and the vast irregular mass of the Salmon River Mountains near the centre, dividing the upper Snake River Valley from the Salmon River, or lower Snake River Valley. The area is 86,294 square miles, about as large as New York and Ohio. The Territory is mainly drained by the Snake River and its affluents, the Owyhee, Salmon and Spokane Rivers, through the Clark's Fork of the Columbia, and some of its affluents cross it in the north, and the Bear River, a tributary of the Great Salt Lake, enters the Territory on the south. The climate of Idaho is temperate and mild except at the highest elevations. Much of the land requires irrigation, but under a moderate amount of irrigation it yields very large crops of cereals and vegetables. The mountain slopes are covered with heavy timber. There are considerable tracts of good pastoral lands. Only about one-twelfth of the area of the Territory has as yet been surveyed. Much of what are known as sage-brush lands might be profitably settled, by companies or colonies who would provide for irrigation on a large scale, by which the most bounteous crops could be secured.

The mineral wealth of the Territory is very great, over 23 millions of bullion, mostly gold, having been deposited in the mint and branches, previous to July 1, 1878. The yield in 1878 was at least \$1,500,000, and might be almost indefinitely increased. There is one railroad in the southern part of the Territory, the Utah, extending from the Union Pacific at Ogden, to Old Fort Hall on the Snake River. The settlement by colonies is the best method in this Territory.

UTAH, "the land of the Mormons," lies between the parallels of 37° and 42° north

latitude, and between 109° and 114° west longitude from Greenwich. It is for the most part in a deep basin surrounded by high mountains, the Wahsatch range forming the eastern rim of the basin. East of this range the country belongs to the Rocky Mountain system. It is drained by the Colorado and its tributaries, the Grand, Green and San Juan Rivers, all of which flow through deep canons, from 2,000 to 5,000 feet below the surface of the elevated plain.

West of the Wahsatch Mountains there are a succession of valleys, forming together a part of the Great Salt Lake Basin, and the lakes and rivers have no outlet. The Great Salt Lake is 100 miles long and 50 broad, and has an area of 1,900 square miles.

In the north-west and west the plains are alkaline, treeless and covered with sage-bush, but by irrigation, even these produce 40 to 50 bushels of wheat, 70 to 80 bushels of oats and barley, and from 200 to 400 bushels of potatoes, to the acre. The Mountains are generally covered with timber, which belongs to the California forest growth, though not attaining its great height. There is about 4,000 square miles of timber of the 84,000 square miles in the Territory. The lower portion of the valley around Utah Lake, and the Jordan and Sevier, is fertile and requires less irrigation. The Mormon system of irrigation is very effective.

The climate, though dry and cool from the general elevation of the surface, is very healthy. The rainfall is somewhat more than 15 inches annually, except in the north-west. Eastern Utah has a climate and soil much like Colorado; the soil yields large crops when irrigated. About three-fourths of the inhabitants are Mormons, a peculiar people acknowledging Joseph Smith, Brigham Young, and their successors, as their supreme religious leaders and prophets, holding many strange and crude views, practicing polygamy, and defying the authority of the United States in regard to it. The remainder of the people are not Mormons, and are engaged in mining, agriculture and other business pursuits.

Utah is very rich in minerals. Mining for the precious metals has been discouraged by the Mormons, but the yield of silver is now more than \$5,000,000 a year, and considerable quantities of gold are also produced. It is richer in the best iron ores than any other portion of the United States. It has also copper, lead and sulphur in abundance, and has immense beds of both lignite and bituminous coals of excellent quality. The Union Pacific Railroad passes across the northern portion, and the Utah Railroad, 54 miles in length, extends from Ogden southward. There are 350 irrigating canals.

NEW MEXICO, a Territory largely inhabited by Spanish Americans and the Mexican or Pueblo (village) Indians, lies between the parallels of $31^{\circ} 20'$ and 37° north latitude, and between the meridians of $103^{\circ} 2'$ and $109^{\circ} 2'$ west longitude from Greenwich. Its area is 121,201 square miles, almost precisely that of the United Kingdom of Great Britain and Ireland. It forms a part of the elevated table land which forms the foundation of the Rocky Mountains, as well as of the Sierra Nevada. At Santa Fe it is 6,682 feet above the sea, in the Upper Rio Grande Valley, 5,000 to 6,000 feet, at Albuquerque, 4,800 feet, on the Llano Estacado, or Staked Plain, and at El Paso, 3,000 to 3,500 feet. From this elevated plain rise hundreds of peaks from 3,000 to 10,000 feet above the plain. The Staked Plain, in the south-east, is a broad, almost level, treeless and waterless plain, sterile, but where it can be irrigated, capable of yielding immense crops, and producing abundantly the mesquite, a small but very valuable and deep rooted shrub of the Acacia family. West of the Rio Grande, wherever irrigation is possible, the soil yields abundantly, grain and vegetables, while the gramma grass on the hill slopes furnishes a delicious and fattening food for cattle. The raising of cattle is likely to become the favorite agricultural pursuit in the Territory, and many portions are admirably adapted for fruit raising. The climate is unrivalled for health. The rainfall in Santa Fe is about 13 inches annually; at Mesilla, in the south part of the Territory, on the west bank of the Rio Grand, it is not quite six inches. There are two railroads entering the Territory. The Atchison, Topeka and Santa Fe comes from the east, and is now completed to Santa Fe. The Denver and Rio Grande comes from the north, and has also reached Santa Fe. The population is about 130,000; 100,000 whites and nearly 90,000 of them Mexicans, the remainder mostly from the Eastern States—there are 25 to 30,000 Indians of various races, including about 8,000 Pueblo or Village Indians, of the ancient Mexican races. Education is in a very low condition; more than three-fifths of the population cannot read or write. The public Schools and most of the private Schools are under control of the Jesuits, or other Catholic orders, and the instruction is more religious than literary. Colonies will do well in this Territory.

ARIZONA TERRITORY is sandwiched between California and Nevada on the west, and New Mexico on the east, having Utah on the north, and Mexico on the south.

It is between $31^{\circ} 37'$ and 37° north latitude, and between the meridians of 109° and $114^{\circ} 25'$ west longitude from Greenwich. Its area is 113,916 square miles, or a little more than the united area of Michigan and Illinois. The north and west of the Territory are drained by the Colorado River and its principal tributaries, the San Juan and little Colorado, with their affluents. These rivers plough through the *mesas* or table-lands, in canons from 3,000 to 5,000 feet deep, and the lands through which they pass are dry, parched and sterile, except where they can be irrigated. A few artesian wells furnish a scanty supply of water, and among the ruins of the Aztec towns are large reservoirs for holding the rain water, which rarely falls. The southern part of the Territory is watered by the Gila and its numerous tributaries, and is more easily cultivated, as there is a large rainfall, and the banks of the Gila and lower Colorado are overflowed in summer. The heat in summer in south and south-west Arizona is terrible, 120° and 126° in the shade, and 160° or more in the sun, is not an uncommon temperature in summer, but the winters are mild and delightful. On the table lands the temperature is pleasant during the year. Irrigation is necessary to agricultural production everywhere in the Territory, but it contains excellent grazing lands, and a sufficient amount of arable land to insure a sufficient supply of vegetables and cereals for the population. There is considerable timber on the Mountain slopes, and the various species of cactus attain great size there.

The mineral wealth of Arizona is enormous, gold, silver, quick-silver, platinum, tin, nickel, very pure copper ores, lead, the best ores of iron, bituminous coals of excellent quality, salt, sulphur, gypsum and many of the precious stones, abound there. \$500,000 of gold and \$3,000,000 of silver were sent from this Territory in 1878, and that amount is constantly increasing with the increasing population. The Indians are no longer troublesome. For miners, engineers, or herdsmen, the Territory is very attractive, and intelligent farmers can do well there.

NEVADA was admitted as a State when its population was notoriously too small, and though the number of inhabitants is increasing, it is still below the quota for a member of Congress, though it is represented by one member in the lower house of Congress. It lies between the 35th and 42d parallels of north latitude, and between the 114th and 120th meridians of west longitude from Greenwich. Its area is 112,090 square miles, about the same as Arizona. Its mineral wealth surpasses that of any of the western States or Territories. In 1877 the yield of silver from the mines was \$11,594,616; in 1878 \$47,676,863. The silver mines are scattered over the whole State.

Its production of gold, mostly parted from the silver, is nearly 20 millions of dollars, and both gold and silver are increasing. It has also quick-silver, lead, copper, iron, antimony, sulphur, arsenic, graphite, borax, carbonate of soda, in immense quantities, rock salt, lignite or brown coal of good quality, &c., &c.

The climate varies with the latitude and elevation. The cold of winter is intense in the mountains and lofty valleys, the mercury falling to -10° — -16° , and much lower in the mountains, and the heat in the summer, is equally intense, rising to 105° in June, but the nights in summer are cool; July and August are not so hot. In south-east Nevada, there is much less cold, and cotton and the sugar cane are both cultivated there.

The climate is generally healthy. The rainfall is larger than in the States and Territories lying east of it, but much of the land needs irrigating to be successfully cultivated. Much of the mountain slopes is well adapted to grazing, and the State has already a large amount of live stock, for its population. The sage-brush lands where irrigated, yield very large crops of the alfalfa clover, the cereals and vegetables. Provision was made in 1878 for irrigating more than 160,000 acres of these sage-brush lands.

The State has many lakes, mostly without outlet, the water in some is pure, in others brackish or alkaline, in a few salt. Pyramid Lake with its natural pyramid in the centre, the three Mud Lakes, Holloway, Humboldt, Carson, Walter's, Preuss, Franklin, Pahrangat, and on the border line of California, the beautiful Lake Tahoe, 1,500 feet deep, and 6,000 feet above the sea. Southern Nevada is a barren and desolate region, but has valuable mines. The Central Pacific Railroad crosses the State in a west-south-west direction, between the parallels of $41^{\circ} 20'$ and $39^{\circ} 30'$, and there are several local railroads. Nevada is a good State for miners, smelters, engineers, intelligent farmers, grazers, and enterprising mechanics.

CALIFORNIA has been so often described, that we can only speak of it now in reference to its adaptation to receive emigrants. It has a vast territory, extending from $32^{\circ} 28'$ to 42° north latitude, and lying between the meridians of $114^{\circ} 30'$ and $124^{\circ} 45'$ west longitude from Greenwich. Recent surveys have reduced somewhat its supposed area, which was formerly stated at 188,980 square miles, but is now said, by the United States land office, to be 157,801 square miles, a territory about as large as that of the Kingdom of Sweden.

The climate varies through all the gradations of the temperate and semi-tropical regions. The average mean temperature of the year ranges from $51^{\circ} 5'$ at Humboldt Bay, and $56^{\circ} 6'$ at San Francisco, to $73^{\circ} 5'$ at Fort Yuma. The summer mean temperature has a range of 33 degrees between Humboldt Bay and Fort Yuma, while the winter mean varies but 14° . The annual rainfall is equally varied, at Humboldt Bay, from 57 to 64 inches; in Klamath Co., from 81 to 110 inches, in Nevada Co., at latitude $39^{\circ} 20'$, 64 inches to 81 inches; in San Francisco, 20.79 inches; in Sacramento, 18.23; in San Diego, 10.43; in Fort Yuma, 3.24 inches. It is a land of lakes, rivers and mountains, with some of the most beautiful and fertile lands in the world, and some of the most desolate and forbidding. Its golden grain is famous the world over, and its vineyards and olive gardens, luscious fruits and abundant crops of every thing which will grow anywhere, are well known. About 50 millions of acres of its lands are arable, but they are mostly taken up in large ranches or plantations, though these are now being divided, in many instances, into small farms. For the most part, arable lands are too dear for the farmer of small means. Many of these large ranches are on unsurveyed lands, and must eventually come into market, when there will be a good opportunity for purchasing farms.

There are nearly 40,000,000 acres of grazing lands, and though stock-raising is generally carried out upon a large scale, it is possible for an intelligent stock grower to do well in the business. South-east California is a wild volcanic region, with its dry lakes covered with salt or bitumen, its vast sinks, many of them below the surface of the ocean, and its Death Valley, most appropriately named. It is now proposed, by a short ship canal, to turn the waters of the Pacific into this valley and render it habitable, where it is not submerged.

The mineral wealth of California is very great. Its production of gold and silver since 1849 has been nearly 700 million dollars, and it is still producing over 20 millions a year, mostly in gold, quick-silver to the amount of about 2,000,000 annually; copper, tin, coal, &c., &c., are also produced. Most parts of the State are easily reached by railroads and steamers.

California is a good State for artisans, gardeners, vine growers and dressers, and farmers who are content to be employed at first by others; miners, metal workers, machinists, and operators in woollen mills, &c., &c., but less so for those who wish to purchase farms.

OREGON, one of the two States lying on the Pacific. It is between the parallels of 42° and $46^{\circ} 18'$ north latitude, and the meridians of $116^{\circ} 33'$ and $124^{\circ} 25'$ west longitude from Greenwich. Its area is 95,274 miles. About five-sevenths of its northern boundary is formed by the Columbia, or what is sometimes called the Oregon River, the largest river flowing into the Pacific Ocean, and at least three-fifths of its eastern boundary is washed by the Snake or Lewis River, the largest tributary of the Columbia.

Most of the State is well watered, mainly from the affluents of the Columbia and Snake, though the Klamath, a California river, rises in the State, and the Umpqua, Rogue and other small streams fall into the Pacific. It is divided by the Cascade and Blue ranges of Mountains into three sections, known as Western, Middle, and Eastern Oregon. Western Oregon, that part lying west of the Cascades, a strip about 110 miles wide, though broken and hilly from the presence of the coast range, which is from 3,000 to 4,000 feet in height, is generally fertile, and the Mountains are clothed with heavy timber to their summits. The Willamette Valley, lying between the Coast and Cascade ranges, and containing about 5,000,000 acres, is exceedingly fertile and beautiful. The rainfall in Western Oregon ranges from 44 to 60 inches, the highest amount being reached at the mouth of the Columbia in the north, and near the Klamath Lakes in the south. The temperature is mild and delightful. The mean for the year being $52^{\circ} 13'$, and the range very moderate. Middle Oregon is drier, not so well watered nor so fertile. The rainfall is about 20 inches. The climate is agreeable, except in the south, where the high mountains make it sometimes excessively cold. Eastern Oregon is dry, but has many well watered and fertile valleys. The winters are cold, with deep snow. Western Oregon

is traversed for almost its entire length from south to north by the California branch of the Northern Pacific. The rivers abound with valuable fish. The salmon fisheries send out about \$10,000,000 worth annually, mostly in cans, and canned beef is also largely exported. The agricultural crops are good, and command a fair price; wheat, oats and potatoes yield largely. The timber trade is very large, the finest trees of Oregon being very large, and the wood durable. Fruit is also largely cultivated. It is an excellent country for raising live stock, especially cattle and sheep. The wool product of the State is considerable, and mostly consumed in Oregon woolen factories.

The mineral wealth of the State is very great, but not so fully developed as it should be. Nearly \$2,000,000 of gold and silver, principally the former, are mined annually; other metals abound. Most of the mines are in eastern and middle Oregon. Miners, lumbermen, fishermen, herdsmen, and industrious, intelligent farmers, will find Oregon the best place for them. There is much Government land yet in market.

WASHINGTON TERRITORY is, except Alaska, the extreme north-western Territory of the United States, and Alaska is not as yet, in a condition to invite immigration.

The Territory may be said in general terms, to lie between the parallels of 45° 30' and 49° north latitude, and between 117° and 125° west longitude from Greenwich. The Columbia River, which drains about two-thirds of the Territory forms its southern boundary, for three-fourths of its width from east to west, and its western shores are washed by the Pacific, and the waters of the Strait of Juan de Fuca and the Gulf of Georgia. The area of the Territory is 69,994 square miles. Western Washington like western Oregon, has much broken land, but the valleys, especially around both sides of Puget Sound, are very fertile, and the slopes of the mountains are heavily timbered, and valuable. There are 200 miles of railroad in operation in the Territory, and the Columbia River, Snake River and Clark's Fork are navigable, except at four points, throughout their entire course in this Territory.

The climate of Western Washington is much like that of England, mild and moist, the extreme heat of summer seldom exceeding 80 degrees F., and the nights cool and agreeable. The winters are so mild that it is seldom necessary to house the live stock. Mean annual temperature 52°, annual range only about 40 degrees. Rainfall 100 to 130 inches on the coast, 36 inches at Cascade Mountains; in Eastern Washington, from 12 to 24 inches. The summers in Central and Eastern Washington are dry and hot, winters much like those of Pennsylvania, cold, but not severe. Only about one-third of the public lands are yet surveyed. There is some gold in the Territory, but more coal, iron, and other minerals.

The coal in the Puyallup Valley is anthracite, of excellent quality, and a railroad now runs to the mines. There are other beds of both anthracite and bituminous coal, along the Cascade Mountains. The soil is, much of it, very fertile, and the finest trees are but little inferior to the giant sequoias of California.

The Territory is well adapted to the culture of the cereals, which can be brought to a good market, by the Columbia and Snake Rivers, which have now 500 miles of uninterrupted navigation. It is also a good region for wool growing and stock raising. The salmon and other fisheries in Puget Sound, and in the Columbia, are very profitable. A grand future awaits the citizens of Oregon and Washington.



HOMESTEAD FOR SOLDIERS.

DEPARTMENT OF THE INTERIOR,
GENERAL LAND OFFICE, Aug. 8, 1870. }

GENTLEMEN:—The following is the twenty-fifth section of the act of Congress, approved July 15, 1870, entitled “An act making appropriations for the support of the army for the year ending June 30, 1871, and for other purposes,” viz.:

SEC. 25.—*And be it further enacted,* That every private soldier and officer who has served in the army of the United States during the rebellion, for ninety days, and remained loyal to the Government, and every seaman, marine, and officer or other person who has served in the navy of the United States, or in the marine corps or revenue marine during the rebellion, for ninety days, and remained loyal to the Government, shall, on payment of the fee or commission to any Register or Receiver of any Land Office required by law, be entitled to enter one quarter section of land, not mineral, of the alternate reserved sections of public lands along the lines of any railroads or other public works in the United States, wherever public lands have been or may be granted by acts of Congress, and to receive a patent therefor under and by virtue of the provisions of the act to secure homesteads to actual settlers on the public domain, and the acts amendatory thereof, and on the terms and conditions therein prescribed; and all the provisions of said acts, except as herein modified, shall extend and be applicable to entries under this act, and the Commissioner of the General Land Office is hereby authorized to prescribe the necessary rules and regulations to carry this section into effect, and determine all facts necessary thereto.

By these provisions the Homestead Law of 20th May, 1862, and the acts amendatory thereof, are so modified as to allow entries to be made by the parties mentioned therein, of the maximum quantity of one quarter-section, or 160 acres of land, held at the double minimum price of \$2.50 per acre, instead of one-half quarter-section, or eighty acres as heretofore.

In case of a party desiring to avail himself thereof, you will require him to file the usual homestead application for the tract desired, if legally liable to entry, to make affidavit according to the form hereto annexed, instead of the usual homestead affidavit, and on doing so allow him to make payment of the \$10 fee stipulated in the act of 20th May, 1862, and the usual commissions on the price of the land at \$2.50 per acre, the entry to be regularly numbered and reported to this office in your monthly homestead returns.

Regarding settlement and cultivation, the requirements of the law in this class of entries are the same as in other homestead entries.

Very respectfully your obedient servant,

JOSEPH S. WILSON,
Commissioner, Register, and Receiver.

INTERNAL REVENUE.

[See "LITTLE TARIFF LAW," p. 66].

THESE rates are those of the new Internal Revenue Law, passed June, 1872, and taking effect October 1, 1872.

TAXES.

Ale, per bbl. of 31 gallons.....	\$1 00
Banks, on average amount of deposits, each month.....	1-24 of 1 per ct.
Bank deposits, savings, etc., having no capital stock, per six months	$\frac{1}{4}$ of 1 per ct.
Banks, on capital, beyond the average amount invested in United States bonds, each month.....	1-24 of 1 per ct.
Banks, on average amount of circulation, each month.....	1-12 of 1 per ct.
Banks, on average amount of circulation, beyond 90 per cent. of the capital, an additional tax each month.....	1-6 of 1 per ct.
Banks, on amount of notes of any person, state bank, or state banking association, used and paid out as circulation.....	10 per ct.
Beer, per bbl. of 31 gallons.....	\$1 00
Brandy, made from grapes, per gallon.....	70
Brewers, special tax on.....	100 00
Chewing tobacco, fine cut, plug, or twist, per lb.....	20
Cigars, manufacturers of, special tax.....	10 00
Cigars, of all descriptions, made of tobacco or any substitute therefor, per 1,000.....	5 00
Cigars, imported, in addition to import duty to pay same as above.	
Cigarettes, not weighing more than 3 lbs. per 1,000, per 1,000.....	1 50
Cigarettes, weight exceeding 3 lbs. per 1,000, per 1,000.....	5 00
Dealers in leaf tobacco, wholesale.....	25 00
Dealers in leaf tobacco, retail.....	5 00
Dealers in leaf tobacco, for sales in excess of \$1,000, per dollar of excess....	5
Distilled spirits, every proof gallon.....	70
Distillers, producing 100 bbls. or less, (40 gallons of proof spirits to bbl.) per annum.....	400 00
Distillers, for each bbl. in excess of 100 bbls.....	4 00
Distillers, on each bbl. of 40 gallons in warehouse when act took effect, and when withdrawn.....	4 00
Distillers of brandy from grapes, peaches, and apples exclusively, producing less than 150 bbls. annually, special tax \$50, and \$4 per bbl. of 40 gallons.	
Distillery, having aggregate capacity for mashing, etc., 20 bushels of grain per day, or less per day	2 00
Distillery, in excess of 20 bushels of grain per day, for every 20 bushels, per day	2 00
Fermented liquors, in general, per bbl.....	1 00

Gas, coal, illuminating, when the product shall not be above 200,000 cubic feet per month, per 1,000 cubic feet	10
Gas, coal, when product exceeds 200,000, and does not exceed 500,000 cubic feet per month, per 1,000 cubic feet	15
Gas, coal, when product exceeds 500,000, and does not exceed 5,000,000 cubic feet per month, per 1,000 cubic feet	20
Gas, coal, when product exceeds 5,000,000 feet per month, per 1,000 cubic feet	25
Imitation wines and champagne, not made from grapes, currants, rhubarb, or berries, grown in the United States, rectified or mixed, to be sold as wine or any other name, per dozen bottles of more than a pint and not more than a quart	2 40
Imitation wines, containing not more than one pint, per dozen bottles ..	1 20
Lager beer, per bbl. of 31 gallons	1 00
Liquors, dealers in, whose sales, including sales of all other merchandise, shall exceed \$25,000, an additional tax for every \$100 on sales of liquors in excess of such \$25,000	1 00
Manufacturers of stills	50 00
Manufacturers of stills, for each still or worm made	20 00
Porter, per bbl. of 31 gallons	1 00
Rectifiers, special tax	200 00
Retail liquor dealers, special tax	25 00
Retail malt liquor dealers	20 00
Snuff, manufactured of tobacco, or any substitute, when prepared for use, per lb	32
Snuff-floor, sold or removed, for use, per lb	32
Stamps, distillers', other than tax-paid stamps charged to collector, each	10
Tobacco, dealers in	10 00
Tobacco, manufacturers of	10 00
Tobacco, twisted by hand, or reduced from leaf, to be consumed, without the use of machine or instrument, and not pressed or sweetened, per lb	20
Tobacco, all other kinds not provided for, per lb	20
Tobacco peddlers, traveling with more than two horses, mules, or other animals (first class)	50 00
Tobacco peddlers, traveling with two horses, mules, or other animals (second class)	25 00
Tobacco peddlers, traveling with one horse, mule, or other animal (third class)	15 00
Tobacco peddlers, traveling on foot, or by public conveyance (fourth class)	10 00
Tobacco, snuff and cigars, for immediate export, stamps for, each	10
Wholesale liquor dealers	100 00
Wholesale malt liquor dealers	50 00
Wholesale dealers in liquors whose sales, including sales of all other merchandise, shall exceed \$25,000, each to pay an additional tax on every \$100 of sales of liquors in excess of \$25,000	1 00



STAMP DUTIES.

THE latest Internal Revenue Act of the United States (that of June, 1872), provides for the following stamp duties after October 1, 1872. All other stamp duties in Schedule B are repealed.

SCHEDULE B.

Bank check,* draft, or order for the payment of any sum of money whatsoever, drawn upon any bank, banker, or trust company, or for any sum exceeding \$10, drawn upon any other person or persons, companies, or corporations, at sight or on demand.....

2

Medicines or Preparations.

SCHEDULE C.

For and upon every packet, box, bottle, pot, vial, or other inclosure, containing any pills, powders, tinctures, troches, or lozenges, syrups, cordials, bitters, anodynes, tonics, plasters, liniments, salves, ointments, pastes, drops, waters, essences, spirits, oils, or other preparations or compositions whatsoever, made and sold, or removed for consumption and sale, by any person or persons whatever, wherein the person making or preparing the same has, or claims to have, any private formula or occult secret or art for the making or preparing the same, or has, or claims to have, any exclusive right or title to the making or preparing the same, or which are prepared, uttered, vended, or exposed for sale under any letters patent, or held out or recommended to the public by the makers, venders, or proprietors thereof as proprietary medicines, or as remedies or specifics for any disease, diseases, or affections whatever affecting the human or animal body, as follows: where such packet, box, bottle, vial, or other inclosure, with its contents, shall not exceed, at the retail price or value, the sum of twenty-five cents, one cent	1
Where such packet, box, bottle, pot, vial, or other inclosure, with its contents, shall exceed the retail price or value of 25 cents, and not exceed the retail price or value of 50 cents, two cents.....	2
Where such packet, box, bottle, pot, vial, or other inclosure, with its contents shall exceed the retail price or value of 50 cents, and shall not exceed the retail price or value of 75 cents, three cents.....	3
Where such packet, box, bottle, pot, vial, or other inclosure, with its contents, shall exceed the retail price or value of 75 cents, and shall not exceed the retail price or value of \$1, four cents.....	4
Where such packet, box, bottle, pot, vial, or other inclosure, with its contents, shall exceed the retail price or value of \$1, for each and every 50 cents or fractional part thereof over and above the \$1, as before-mentioned, an additional two cents	2

Perfumery and Cosmetics.

For and upon every packet, box, bottle, pot, vial, or other inclosure, containing any essence, extract, toilet water, cosmetic, hair oil, pomade, hair dressing, hair restorative, hair dye, tooth wash, dentifrice, tooth paste, aromatic cachous, or any similar articles, by whatsoever name the same have been, now are, or may hereafter be called, known, or distinguished, used or applied, or to be used or applied as perfumes or applications to the hair, mouth, or skin, made, prepared, and sold or removed for consumption and sale in the United States, where such packet, box, bottle, pot, vial, or other inclosure, with its contents, shall not exceed, at the retail price or value, the sum of 25 cents, one cent.....
1

Where such packet, bottle, box, pot, vial, or other inclosure, with its contents, shall exceed the retail price or value of 25 cents, and shall not exceed the retail price or value of 50 cents, two cents.....
2

Where such packet, box, bottle, pot, vial, or other inclosure, with its contents, shall exceed the retail price or value of 50 cents, and shall not exceed the retail price or value of 75 cents, three cents.....
3

Where such packet, box, bottle, pot, vial, or other inclosure, with its contents, shall exceed the retail price or value of 75 cents, and shall not exceed the retail price or value of \$1, four cents.....
4

Where such packet, box, bottle, pot, vial, or other inclosure, with its contents, shall exceed the retail price or value of \$1, for each and every 50 cents or fractional part thereof over and above the \$1, as before mentioned, an additional two cents.....
2

Friction matches, or lucifer matches, or other articles made in part of wood, and used for like purposes, in parcels or packages containing 100 matches or less, for each parcel or package, one cent.....
1

When in parcels or packages containing more than 100 and not more than 200 matches, for each parcel or package, two cents.....
2

And for every additional 100 matches, or fractional parts thereof, one cent.....
1

For wax tapers, double the rates herein imposed upon friction or lucifer matches; on cigar lights, made in part of wood, wax, glass, paper, or other materials, in parcels or packages containing 25 lights or less in each parcel or package, one cent.....
1

When in parcels or packages containing more than 25 and not more than 50 lights, two cents.....
2

For every additional 25 lights or fractional part of that number, one cent additional.....
1



THE FINANCE BILL.

Passed June 20, 1874.

SECTION 1.—The Act entitled "An Act to provide National Currency, secured by a Pledge of United States Bonds, and to provide for the Circulation and Redemption thereof," approved June 3, 1864, shall be hereafter known as the National Bank Act.

SEC. 2. That Section 31 of the National Bank Act be so amended that the several Associations therin provided for shall not be required to keep on hand any amount of money whatever, by reason of the amount of their respective circulations; but the money required by said section to be kept at all times on hand shall be determined by the amount of deposits, as provided for in the said section.

SEC. 3. That every association organized or to be organized under the provisions of the said act, and of the several acts amendatory thereof, shall at all times keep and have on deposit in the Treasury of the United States, in lawful money of the United States, a sum equal to five per centum of its circulation, to be held and used for the redemption of such circulation, which sum shall be counted as a part of its lawful reserve, as provided in Section 2 of this act, and when the circulating notes of any such associations, assorited or unassorited shall be presented for redemption in sums of \$1,000 or any multiple thereof to the Treasurer of the United States, the same shall be redeemed in United States notes. All notes so redeemed shall be charged by the Treasurer of the United States to the respective associations issuing the same, and he shall notify them severally on the first day of each month or oftener, at his discretion, of the amount of such redemptions, and whenever such redemptions for any association shall amount to the sum of \$500 such association so notified shall forthwith deposit with the Treasurer of the United States a sum in United States notes equal to the amount of its circulating notes so redeemed; and all notes of National Banks worn, defaced, mutilated, or otherwise unfit for circulation shall, when received by any Assistant Treasurer, or at any designated depository of the United States, be forwarded to the Treasurer of the United States for redemption, as provided herein; and when such redemptions have been so reimbursed the circulating notes so redeemed shall be forwarded to the respective associations by which they were issued; but if any such notes are worn, mutilated, defaced, or rendered otherwise unfit for use, they shall be forwarded to the Controller of the Currency and destroyed and replaced as now provided by law. Provided, that each of such associations shall reimburse to the Treasury the charges for transportation and the costs for assorting such notes, and the associations hereafter organized shall also generally reimburse to the Treasury the cost of engraving such plates as shall be ordered by each association respectively, and the amount assessed upon each association shall be in proportion to the circulation redeemed, and be charged to the fund on deposit it with the Treasurer; and provided further, that so much of Section 32 of said National Bank Act recognizing or permitting the redemption of its circulating notes elsewhere than at its own counter, except as provided in this section, is hereby repealed.

SEC. 4. That any association organized under this act, or any of the acts to which this is an amendment, desiring to withdraw its circulating notes, in whole or in part, may upon the deposit of lawful money with the Treasurer of the United States, in sums not less than \$9,000, take up the bonds which said association has on deposit with the Treasurer for the security of such circulating notes, which bonds shall be assigned to the banks in the manner specified in the 19th section of the National Bank Act, and the outstanding notes of said association to an amount equal to the legal-tender notes deposited, shall be redeemed at the Treasury of the United States and destroyed, as now provided by law; provided the amount of the bonds on deposit for circulation shall not be reduced below \$50,000.

SEC. 5. That the Controller of the Currency shall, under such rules and regulations as the Secretary of the Treasury may prescribe, cause the charter numbers of the association to be printed on all National Bank notes which may be hereafter issued by him.

SEC. 6. That the amount of United States notes outstanding, and to be issued as a part of the circulating medium, shall not exceed the sum of \$382,000,000, which said sum shall appear in each monthly statement of the public debt, and no part thereof shall be held or used as a reserve.

SEC. 7. That so much of the act, entitled An Act to provide for the redemption of the three per centum temporary loan certificates, and for an increase of National Bank notes, as provided, that no circulation shall be withdrawn under the provisions of Section 6 of said Act, until after the \$54,000,000 granted in Section 1 of said Act shall have been taken up, is hereby repealed, and it shall be the duty of the Controller of the Currency, under the direction of the Secretary of the Treasury, to proceed forthwith, and he is hereby authorized and required, from time to time, as application shall be duly made therefor, and until the full amount of the \$54,000,000 shall be withdrawn, to make a requisition on each of the National Banks described in said section, and in the manner therein provided, organized in States having an excess of circulation, to withdraw and return so much of this circulation as by said Act may be apportioned to be withdrawn from them, or in lieu thereof to deposit it in the Treasury of the United States lawful money sufficient to redeem such circulation, and upon the return of the circulation required, or the deposit of lawful money as herein provided, a proportionate amount of the bonds held to secure the circulation of such association as shall make such return or deposit, shall be surrendered to it.

SEC. 8. That upon the failure of the National Banks upon which requisitions for circulation shall be made, or of any of them, to return the amount required, or to deposit in the treasury lawful money to redeem the circulation required within thirty days, the Controller of the Currency shall at once sell, as provided in Section 49 of the National Currency Act, approved June 3, 1864, bonds held to secure the redemption of the circulation of the association or associations which shall fail to return an amount sufficient to redeem the circulation required of such association or associations, and with the proceeds which shall be deposited in the Treasury of the United States so much of the circulation of said association or associations shall be redeemed as will equal the amount required and not returned; and if there be any excess of proceeds over the amount required for such redemption, it shall be returned to the association or associations whose bonds shall have been sold; and it shall be the duty of the Treasurer, Assistant Treasurers, designated depositaries and National Bank depositaries of the United States, who shall be kept informed by the Controller of the Currency of such associations as shall fail to return circulation as required, to assort and return to the Treasury for redemption the notes of such associations as shall come into their hands until the amount required shall be redeemed, and in like manner to assort and return to the Treasury for redemption the notes of such National Banks as have failed or gone into voluntary liquidation for the purpose of winding up their affairs or such as shall hereafter fail or go into liquidation.

SEC. 9. That from and after the passage of this act it shall be lawful for the Controller of the Currency, and he is hereby ordered, to issue circulating notes without delay as applications are therefore made, not to exceed \$55,000,000, to associations organized or to be organized, in those States and Territories having less than their proportion of circulation under an apportionment made on the basis of population and of wealth as shown by the returns of the census of 1870, and every association hereafter organized shall be subject to and be governed by the rules, restrictions, and limitations, and possess the rights, privileges, and franchises now or hereafter to be prescribed by law as National Banking Associations, with the same power to amend, alter and repeal, provided by the National Bank Act, provided that the whole amount of circulation withdrawn, and removed from the banks transacting business shall not exceed \$55,000,000, and that such circulation shall be withdrawn, and redeemed as shall be necessary to supply the circulation previously issued to the banks in the States having less than their apportionment; and provided further, that not more than \$30,000,000 shall be withdrawn and redeemed as herein contemplated, during fiscal year ending June 30, 1875.

The title of the bill is amended to read as follows:—"An act to fix the amount of United States notes, provide for the redistribution of the National Bank Currency, and for other purposes."

CUSTOM HOUSE FEES,

REQUIRED BY LAW TO BE PAID AT THE SEVERAL CUSTOM HOUSES ELSEWHERE THAN
ON THE NORTH, NORTH-EAST AND NORTH-WEST FRONTIERS.

For admeasurement of tonnage, and certifying the same, for every transverse section under the tonnage deck.....	\$1.50
For each between decks above tonnage deck.....	3.00
For each poop, or closed-in space above the upper or spar deck, required by law to be admeasured.....	1.50
Certificate of registry or record.....	2.00
Indorsement on Certificate of registry or record.....	1.00
For every bond under the Registry Act.....	.25
Certificate of Enrollment.....	.50
Indorsement on Certificate of Change of Master, &c.....	.20
License and granting the same, including bond, if not over 20 tons.....	.25
Above 20 and not over 100 tons.....	.50
Over 100 tons.....	1.00
Indorsement on a License, of Change of Master, &c.....	.20
Certifying manifest, and granting permit for licensed vessel to go from district to district—	
Under 50 tons.....	.25
Over 50 tons.....	.50
Certifying manifest, and granting permission to registered vessels to go from district to district.....	1.50
Receiving certified manifest and granting permit on arrival of such registered vessel.....	1.50
Granting permit to a vessel not belonging to a Citizen of the United States, to go from district to district, and receiving manifest.....	2.00
Receiving manifest, and granting permit to unload, for last-mentioned vessel, on arrival at one district from another.....	2.00
Granting permit for vessel carrying on fishery to trade at a foreign port.....	.25
Report and entry of foreign goods imported in such vessel.....	.25
Entry of vessel of 100 tons and more.....	2.50
Clearance of vessel of 100 tons and more.....	2.50
Entry of vessel under 100 tons.....	1.50
Clearance of vessel under 100 tons.....	1.50
Post Entry.....	2.00
Permit to land or deliver goods.....	.20
Bond taken officially.....	.40
Permit to land goods for exportation entitled to drawback.....	.30
Debenture, or other official certificate.....	.20
Bill of Health.....	.20
Official documents, required by any merchant, owner or master of any vessel, not before enumerated.....	.20
Services, other than admeasurement, to be performed by the Surveyor, in vessels of 100 tons and more, having on board merchandise subject to duty.....	3.00
For like services in vessels under 100 tons, having similar merchandise.....	1.50
For like services in all vessels not having merchandise subject to duty.....	.60%
Protection.....	.25
Crew List.....	.25
General permit to land passenger's baggage.....	.20
Weighing of weighable articles exported per 100 lbs.....	.03
Weighting of salt, to cure fish, (See Art. 122 Warehouse Regulations)	
Weighting of other weighable articles in the districts of Boston, New York, Philadelphia, and Baltimore, per 112 lbs.....	.01%
Weighting of other weighable articles in the district of Norfolk.....	.02%
Weighting of other weighable articles in all other districts.....	.03
Gauging of gaugable articles exported, per cask.....	.10
Gauging other articles.—Casks each.....	.12
Cases and Baskets, each.....	.04%
Ale, Porter, &c., per dozen bottles.....	.01%
Measuring, per 100 bushels—Coal, chalk, brimstone.....	.90
Salt.....	.75
Potatoes, seeds, grain and all similar measurable articles.....	.45
Marble, lumber, and other similar articles, the actual expense incurred.....	
For recording bill of sale, mortgage, hypothecation, or conveyance of vessel, under Act of July 29, 1850.....	.50
For recording certificate for discharging and canceling any such conveyance.....	.50
For furnishing a certificate, setting forth the name of the owners of any registered or enrolled vessel, the parts or properties owned by each, and also the material facts of any existing bill of sale, mortgage, hypothecation, or other incumbrance, the date, amount of such incumbrance, and from and to whom made.....	1.00
For furnishing copies of such records, for each bill of sale, mortgage or other conveyance.....	.50
For licenses to Steamers, as a compensation for the inspection and examination made for the year, and furnishing the required copies of the inspection certificate, under the Steamboat Law, approved August 30, 1852, in addition to the fees above mentioned, for issuing enrollments and licenses to vessels:	
For each steam vessel of 100 tons or under.....	25.00
and for each ton in excess of 100 tons.....	.03
For licensing of pilots and engineers.....	10.00

THE WEST: WHO SHOULD MIGRATE THITHER.

THERE have been in our country, as in other countries of Christendom, periodical crazes—times when nations, states, and communities were completely under the influence of a single dominating idea, which, with the great masses of the people, drove out all other ideas and thoughts from their minds. Eating or drinking, waking or sleeping, they could think and talk of nothing else. These crazes sometimes seem very absurd to us, as we look back upon them; but at the time, they are intensely real. They may do some good: perhaps they always do; but they do much evil also. They may be industrial, scientific after the fashion of popular science, political, agricultural, educational, or religious; but whatever may be the subject of the craze, its effect is much the same.

THE MORUS MULTICAULIS CRAZE.

The *Morus Multicaulis* fever of 1835-38 was an example of the agricultural and industrial sort. Men of sound judgment and of good business abilities, were deluded into the belief, that by planting or starting a half-dozen or a dozen cuttings of a foreign shrub or tree they would speedily amass an immense fortune; that from these little sticks, not so large as a pipe stem, there would presently grow stately mulberry-trees, on which millions of silkworms to be somehow procured, would feast and form cocoons, which any girl could reel, and which would, by some hocus-pocus process, be transmuted into elegant dress-silk, dress-goods, velvets, satins, ribbons, and lace, all of which would be furnished without cost, to the fortunate possessor of the mulberry-slips.

The whole thing looks supremely ridiculous to us now; but then, every man and woman invested all that they could earn, or beg, or steal in these precious twigs; and when the bubble burst, as it did in 1837, it involved millions of people in heavy, and some of them in ruinous losses.

THE SECOND ADVENT CRAZE OF 1843.

There followed this a religious delusion, the Second Advent craze of 1843, when people made up ascension robes, and some, in their zeal stole the muslin which they used in their manufacture.

THE WESTERN CRAZE OF 1847-48.

A few years later there was an emigration craze. *The West*, which then meant Indiana, Illinois, Michigan, Wisconsin, Iowa, and Missouri, and the cities of Chicago, Milwaukee, and St. Louis, was on every man's lips; tens of thousands of miles of railroads were projected, thousands of cities laid out on paper, stocks and bonds issued without stint, every kind of wild-cat paper issued as money, and the most fabulous stories told, of the fortunes amassed in a single day, by the advance in lands, city lots, and stocks. This craze, too, died out from sheer absurdity, but with frightful losses.

OTHER CRAZES.

Time would fail me to tell of the crazes since that time ; of the petroleum mania, the shoddy speculation, the mining fever of a dozen years ago, the new railroad excitement, all ending in general disaster, and in long years of gloom ; now to be replaced, perhaps, by an emigration fever, and a reckless speculation in mining properties, almost as absurd as the earlier manias, and even more disastrous. It seems to be the fate of the Yankee to be at one moment on the top of Pisgah, and the next in the Valley of Humiliation.

THE PRESENT MINING CRAZE.

There are at the present time (May, 1880) over 1500 mining companies or organizations in the region west of the Mississippi, nine tenths of them formed within two years past, and having a nominal capital of about \$2,000,000,000. From ignorance of the business, bad management, and often from misrepresentation in regard to their value, more than nine tenths will prove unproductive, and the stockholders will meet with heavy losses. One hundred and forty mining companies, incorporated in San Francisco within a few years past, have assessed their stockholders \$47,000,000, besides their original capital, and have paid in all only \$6,000,000 dividends.

THE DESIRE TO GO WEST.

"But," it may be asked, "what has all this to do with going West?" Much more than you may think, my friend. You are a working-man, a machinist, an operative in a manufactory, a builder, or an artisan in some one of the trades or callings which are followed in our Eastern communities, or you have been farming in a moderate way, or engaged in trade. You have laid up a little, have perhaps a home of your own, though there may be a small mortgage on it; but you do not get rich so fast as you would like, and, as you look upon your wife and little ones, you think to yourself, "I have not much to leave to them if I were taken away, and they might be left to suffer. I must try in some way to accumulate property faster, so as to be able to leave them in better circumstances." As you look about you, there seems to be no chance in your present circumstances and position, for doing this. If you are a working-man, your wages are only likely to be advanced, when there are such advances in food and clothing and living expenses, as will leave you no more net gain than you have had in the past. If you are following a trade or calling, any advance in price is necessarily accompanied by an advance in material, or wages of employés, and in living expenses, which leaves you no better off than you were before. In trade, there is perhaps a little advantage in prosperous times, because there are not so many bad debts, but very few can lay up money in retail trade. You are apparently cut off from any considerable improvement of your circumstances.

THE EMIGRATION FEVER.

Meantime the spirit of emigration is abroad in the air. Every other man whom you meet is talking of the West—the West, with its rich and constantly developing mines of gold and silver; the West, with its productive farms and its agricultural wealth; the West, with its immense herds of cattle, and its hundreds of thousands of sheep and goats. You ask yourself, "Why not go to this great West and accumulate wealth, as others have done, in a few years, instead of wasting my time here for a mere pittance?"

WHAT IS INVOLVED IN EMIGRATION TO THE WEST.

The mania is abroad, and you are in a fair way to become one of its victims. Still your question is a reasonable one. Allow us to answer it, after the Yankee fashion, by asking some others. Have you a very clear, distinct idea of what is included in emigration to a new State or Territory?

THE DISCOMFORTS.

You have a good, comfortable home, with all its appliances and conveniences. It may be small, but it is a good home. If you emigrate to the frontier, even if you have a good sum of money to pay your living expenses, your home for the first year or two must be of sods, of logs, or of canvas. You must content yourself with the fewest possible conveniences for comfortable housekeeping, and the roughest and poorest food; all those thousand little comforts, which go to make up our Eastern civilization, will be wanting, for a year or two at least. If you make your new home on the prairie, the summer's sun will scorch and burn you, and the winter's snow may bury your little cabin out of sight. Neighbors at first will be few and far apart. Schools and churches will come in time, but you will have to lift heavily to make them come, and for a year or two you will be obliged to go without them. If your home is in the timbered land, other disabilities, equally severe, will try you. Wolves, panthers, lynxes, and now and then a bear, will pay you visits, not so much because they care for your society, as because they hope to find some food, on or about your premises. You will have a vigorous appetite, though it may sometimes be difficult to satisfy it; and the exposure to the pure open air may improve your health, though there are some chances of malarial fever or catarrhal affections. You may have been particular about your clothing at the East, but you will very soon present an appearance which would well befit a tramp.

DANGERS TO HEALTH.

We do not speak of the risks to health, because, with only a few exceptions, the region west of the Mississippi is healthy. The region bordering immediately on the Mississippi, from the Iowa line southward, and the lower Missouri, as well as Southeast Kansas, much of the Indian Territory and the lower lands of Texas, are to some extent subject to bilious, remittent, and intermittent fevers, and care should be taken, if a location is sought there, to select elevated lands, with good drainage and no standing water, and to avoid the night air and heavy dews.

RISKS OF LOSS.

There are also some risks in investing the money you have been able to save in the past. If you have saved \$1000 or \$2000, and buy or secure a farm in some one of these new States or territories, by whatever mode you have obtained or are to obtain a title to it, it will probably be about twenty months before you can realize anything on your first crop. Meantime you must make your first payments on your land, which will be more or less, according to the mode of purchase; pay for having it broken up, which will cost you from four to eight dollars per acre, according to the thoroughness with which it is done; must pay for seed, and buy the horses, mules, oxen, or cows needed, and the wagons, carts, ploughs, harrows, cultivators, and, if you can, a harvester for your first grain crop. You must also buy or build your cabin and furnish it, or, which will be about the same thing, pay the freight on your furniture from the East. And whatever you or your family need in the way of food or clothing, before you receive anything from the first crop, must also come out of this reserve.

THE CHANCES OF SUCCESS AND FAILURE.

It is true that, if you are successful, your money will have been put out at good interest—ten, twelve, or even twenty per cent. perhaps—but there are chances of failure, and the risk should be fairly considered. Even if you are able to pre-empt your land, and so delay paying the Government price for it for thirty-three months, or take it up under the Homestead or Timber Culture acts, or buy it of the railway companies, on long time, you

will still find ample use for your \$1000 or \$2000 in paying your necessary expenses, and maintaining your family, until the crop money comes in.

WHAT A SUCCESSFUL FIRST CROP WILL ACCOMPLISH.

If this first crop has been twenty acres in root crops and twenty in wheat (you will hardly be able to crop more than forty acres at first), and there have been no drawbacks, but a full crop of both, you should be able to raise about \$2000 from the forty acres, and cultivating besides a large garden plot, to provide your family with all the vegetables they need. A pig and a calf will add to your meat rations, and your cow should furnish the butter and milk needed. Under these circumstances, if you are a good manager, you may be able to make your next payment, if necessary, on your farm; to improve your dwelling, and break up an additional twenty or forty acres; support your family in better style than the previous year, and still lay up a small sum toward replacing your reserve.

THE POSSIBILITIES OF FAILURE.

But suppose that your wheat is consumed while growing, by the grasshopper or Rocky Mountain locust, and your root crops by the Colorado beetle or potato bug, and the gophers, or the moles; or that your farm is desolated by drought; that your horses or mules, your oxen or cows, or the pig or pigs, whose luscious flesh you have been looking forward to, as a part of your winter's supply, are destroyed by wolves, lynxes, or bears, or are seized with the diseases not infrequently prevalent; your supplies for the coming year will be cut off, and if your reserve has all been expended, you will be very hard pressed to find the means for supporting your family, and obtaining the seed necessary to be planted or sown for the next year. You may say that it is not probable that all these disasters will come at once; so would have said many thousands of farmers, who put in their first or second crops in the autumn of 1873 or the spring of 1874, and yet it was exactly these disasters which did come in that year, and thousands of families were only kept from starvation, by the public and private bounties bestowed upon them, largely by Eastern people.

ROSE-COLORED PICTURES OF THE EMIGRATION AGENTS.

This is not the sort of talk you will be likely to hear from the agents of emigration societies, or land-grant railroad companies; they will represent to you that the climate, soil, and productions render the country a perfect paradise; that there are no disturbing or discouraging influences, but that everything is perfectly lovely. The crops are grown without labor, the houses are builded without effort, the live stock takes care of itself, the rain irrigates thoroughly the long-parched soil, so soon as the immigrant plants his foot upon it. Such unthinking advocates of emigration will accuse us of hostility to it, but most unjustly; for while we have presented frankly and without exaggeration the troubles and privations which the emigrant must encounter in the early months of his settlement, there is a bright future before him, if he has only the nerve, patience, enterprise, and good fortune to triumph over them all.

WHY THE DARK SIDE AS WELL AS THE BRIGHT SHOULD BE PRESENTED.

No man of true courage is ever discouraged by the presentation of difficulties to be surmounted in attaining a desired end; he is only stimulated to greater effort to overcome them. If, on the other hand, only the bright side is presented to him, and all knowledge of difficulties and discouragements is carefully withheld from him when he is called unexpectedly to encounter serious trials and privations, of which he had no previous warning, the probability of disappointment and despair is greatly increased. He is the best friend of the emigrant who shows him what clouds and storms will darken his way, as well as the glowing sunshine which will gladden it.

GARIBALDI'S PROCLAMATION.

When Garibaldi was about to enter upon his campaign for the capture of Rome and its annexation to the kingdom of Italy, he sent out this proclamation: "Italians, I am about to move forward for the conquest of Rome, and I call upon the brave patriots of Italy to volunteer for my help. Whoso joins my army will have but scanty and poor rations; his couch will be the cool ground, his shelter-tent the starry skies; if he is wounded or sick, no hospital will open its gates to him; if he falls, no priest will give him extreme unction, or say masses for his soul's repose—but at the end of the fight, *there is a free, a redeemed Italy!* Comrades, brothers, forward and enlist!" And they did come forward and enlist by thousands, and though many fell, the great end was at last gained.

WHAT THE EMIGRANT HAS TO ENCOUNTER.

Your warfare is not with human foes, or despots, hastening to decay, but only with the inertia of the natural world, with the difficulties and privations incident to a new settlement, and possibly with insect foes, diseases, and summer droughts. These once overcome, and you will have established yourselves in homes whose value is constantly increasing, and will have earned an income sufficiently ample for your family and yourselves. You who are enterprising, courageous, and persevering, come forward and enlist!

THE CHANCES FOR THE MEN WHO HAVE TRADES.

Those working-men who have good trades, and are skilful in them, may find profitable employment in their respective lines of business much sooner than the farmer, and have an opportunity of obtaining better social positions, than they can usually do here; but they will do well to secure some land—enough for their own needs. To keep two or three cows and a few sheep; to raise what grain and root crops are needed for home consumption; to have a comfortable home, with pleasant surroundings of flowers, shrubs, fruit and forest-trees, and a good vegetable garden, will not be very expensive, if there are young hands to help; and if in, or near one of the growing towns of the West, it will be not only a source of pleasure, but of constantly-increasing profit. And in many instances there will be opportunities for the cultivation of special crops on a small scale, the raising of poultry, the rearing of silk-worms, the care of bees, etc., etc., which will add materially to the revenues of the household.

We can hardly advise our friends to go into the business of stock-raising or wool-growing in the West, unless they have a considerable capital at command.

HEAVY CAPITAL NEEDED IN STOCK-RAISING.

A cattle-ranche, even on the smallest scale which will pay a profit, requires at least \$20,000 to start with, and would be more speedily profitable with \$50,000. As many of the large cattle-farms or ranches are owned by joint stock companies, some stock might be taken in them with a smaller sum, say \$5,000 or \$10,000; but their capital is usually from \$500,000 to \$1,000,000, and the dividend on a small sum would be nothing for two or three years, and not a large amount for several more. Eventually it might pay.

BECOMING A HERDER.

Another way of working into this business would be to become a herder or "cow-boy" at first, and, buying a few cows and calves, herd them with the rest of the stock. At "rounding up" time, brand them with the herder's own brand (which must be recorded), and in the course of five or eight years there will be a herd of respectable size from this small beginning, so that it will answer to set up a separate ranche. This can be done to much better

advantage in Texas than elsewhere; but the Texas cattle bring lower prices in the market than those of the States farther north.

SHEEP-FARMING.

As to the sheep, \$14,000 or \$15,000 will answer to start a sheep farm if a man understands the business, though a larger sum is better. The profit from raising sheep is sooner realized than from raising cattle, and is nearly as great. A single man with a little money, who will be content to serve as a shepherd for five years, and pasture his own sheep with his employer's flock, can lead out a very respectable flock at the end of that time, but it would be difficult, if not impossible, to support a family in that way before the five years were up. The wages of a herder or a shepherd vary from \$18 to \$25 a month and keeping; but their lives are very lonely, and the danger to life and limb is considerable.

THE MINING CRAZE.

There is at the present time a great craze in regard to the fortunes to be made in *mining operations*, especially for gold and silver in the West. You will hear every day that Mr. A. or Mr. B., Senator C., or Judge D., or Col. E. has become a millionaire, through the valuable mines in which he has invested. Sometimes you will be told that some of these fortunate men have accumulated five, six, ten, or twenty millions in a very short time. This may be true, or it may not.

HOW GREAT FORTUNES ARE MADE IN MINING OPERATIONS.

If it is true, you may be sure of these three things: First, that these millionaires were men of comfortably large fortunes before they took hold of those great enterprises; that they investigated very thoroughly, and, having their money at command, took advantage of the circumstances, and bought for a small sum what has brought them a large profit. Second, that a great part of their profit has been realized by selling shares in a company which they have formed, putting in a property which cost them perhaps \$30,000, as the equivalent for a capital stock of \$3,000,000 to \$5,000,000. The mine may have been worth five or ten times what they actually paid for it, but most of these concerns are watered prodigiously. Third, that however many millions this fortunate mine-owner may suppose himself to be worth, or make others believe he is worth, it is by no means certain, that within one, two, or three years he may find that he is not worth as much money as he was, when he made his first investment in mining property.

A STRIKING EXAMPLE.

Take an example. Not six months ago Col. C.'s name was in all the papers; he had come to one of the great mining centres with a fair property, most of it in ready money, a year or so before, and had investigated the condition of a newly-opened mine there, had taken an interest in it before it was much developed, had bought other claims on the same lode, till with a trusty partner he owned three fourths of this mine and the adjacent claims. He then organized a company, with a capital of ten millions, and large amounts of the stock were sold; what capital was necessary was used for the full development of the mine, and a smelter purchased and kept running on the ores. For several months the dividends were large; the amount of rich ore smelted was sufficient to justify them, and the stock—of which the par value was \$25—rose to \$32 or \$33. Suddenly it began to fall, and when it reached \$13 our capitalist gave orders to sell all his stock; but too late! it continued to sink till it reached \$4.50 per share, where it stood a few days ago. The "ore on the dump," that is, the ore which was mined and brought to the surface, was exhausted, and the miners had come to a wall of porphyry, or, as they call it, a "horse," which contained no silver. Expensive explorations were made, and there was some ground for hope, that beyond this wall of stone, there might be another lode or vein which would

prove as profitable as the former ones. The capitalist was honest and well-meaning, but when he looks around and sees the wreck of his own property and the property of others who bought the stock from their faith in him, he doubtless wishes he was back where he was two years ago.

MORALS TO THIS STORY.

There are several morals to this story—indirect ones, it is true, but none the less serviceable, if you will only heed them. One is, that it is not all gold that glitters, and that even the shrewdest man who is not practically acquainted with mining, may make a great mistake in purchasing mining property. Another is that you should never be beguiled into buying mining stocks, no matter at what price they may be offered. The par value of these stocks represents from ten to one hundred times the actual cost of the mining property; and even at that, most of them are liable to assessments beyond the original purchase, "to develop the mine."

WHAT SHOULD BE KNOWN BEFORE BUYING MINING PROPERTY.

No! if you *will* put your money into mining property, wait until you can see the property for yourself; until you can learn how much ore has been taken out, what its probable value per ton is, what is the condition of the mine behind "the ore on the dump"—*i.e.*, whether the veins or lodes not yet worked or excavated, promise as rich ore as that already raised—whether there are any obstructions to future success in mining, such as accumulation of water, intense heat of the mine, "horses" in the veins, or barren tracts in the lodes. It is necessary also to know what is the character of the product of the mine: if it is gold, whether it is free milling gold, which needs only to be crushed by the stamps and run over the amalgamated plates to yield up the quarter part of the gold; or whether it is combined with sulphur and copper, or sulphur and zinc, or with lead. Where sulphur is present in the form of sulphides or sulphurets, roasting, and sometimes chlorination or lixiviation, is required to expel the sulphur; and these are costly processes, and will only pay when the ores are rich. If the ores are silver, you should know whether it is combined with lead, zinc, or copper; whether it is a carbonate, a sulphate, a chloride, a tellurate, or a sulphuret of silver, or of silver-bearing lead. Most of the silver ores require smelting, some of them roasting, some chloridizing, and some lixiviation.

TRANSPORTATION.

At some mines, distant from railroads, and requiring difficult and expensive methods for the complete reduction of their ores, there is a process of concentration carried on which preserves in a kind of base bullion all the valuable portions of the ore, rejecting that which is worthless, and reduces the weight from four fifths to nine tenths, so that they can be transported at much less cost to the works where the silver can be completely reduced and the full value of the lead retained. The questions of transportation and of the proximity of a railroad are, next to the reduction works, of great importance in estimating the value of a mine. If your ore or base bullion has to be packed on the backs of mules over a mountain trail for twenty, thirty, or fifty miles, or if it must be carried one hundred or one hundred and fifty miles in wagons, at \$12, \$15, or \$20 a ton, it must needs be very good ore to pay for the transportation, and yield any profit to the miner; but if it is near a railroad, where the ore can be carried without too much handling, and if it is ore that can be easily or readily reduced or concentrated, ore which will yield from \$6 to \$10 a ton will pay a handsome profit.

If, then, you will buy an interest in a mine, look it over thoroughly before buying; be sure to "come in on the hard pan," as the miners say, *i.e.*, pay only the first cost of the mine, before they have begun to water the stock, and pay for the mine, only the value of the ore in sight. You cannot be badly defrauded if you do this.

FOLLY OF BUYING AN INTEREST IN A PLACER MINE.

Do not be beguiled into buying an interest in a placer mine, even if it is worked on the hydraulic system. It may pay magnificent dividends for a time, but it is sure to be completely exhausted before long, and will leave no hope of any further profit, unless the tailings can be re-worked by Edison's process, and generally, John Chinaman has already extracted every available grain of gold from them.

PROSPECTING FOR A MINE NOT ADVISABLE.

If you visit the mining districts, you may be tempted to try your hand at prospecting for a new mine. Unless you are an educated mining engineer, please take our advice—which is, in one word, “Don’t!” No “tenderfoot” (the mining phrase for *greenhorn*), or, at least, not one in a thousand, has ever tried that with success, certainly not in these later days. You run a much better chance of being struck with lightning, than of discovering a mine worth working, or one which, when found, you could develop without a considerable amount of capital. It is much better to join forces with an honest expert, if you can find such a one, and putting your capital, in part or in whole, against his knowledge, work away together at the mine, till you have developed it sufficiently to be able to command the necessary capital to make it a success.

PURCHASING A PARTLY-DEVELOPED MINE.

There is no lack of good mines, as yet not much developed, in all the Rocky Mountain region, and there is not likely to be, for many years to come. But if you have, by thus joining forces with an expert, found a really good and valuable mine, do not give it away to the capitalists, in return for their establishing smelting works or stamp mills near you. If you have a good thing, hold on to it, and they will come to you for your custom. In some sections, as in the Black Hills, for instance, the large mine owners who have an abundance of capital, make it a rule to buy up every new mine which promises fairly, that they may be able to hold a monopoly of the mining business of that region. Although the ores there are all of low grade, very few of them yielding more than from \$6 to \$13 a ton, and some not more than \$5, yet from the convenience and economy of their reduction works, they are able to make their poor ores pay a better profit, than higher grade ores pay elsewhere.

THE LIFE OF THE PRACTICAL MINER.

Having thus briefly placed before you the difficulties and dangers incident to investments in mining property, let us say a few words concerning the life of the practical miner and his work. By the practical miner we mean here, not, necessarily, the dull, uneducated mining laborer, who pursues his daily task and receives his daily wage, with no thought beyond these, but in many instances the owners of new and undeveloped mines, who, with but moderate means, and with great intelligence and commendable industry, are working diligently, to open a mine and ascertain its real value. In many instances, in Colorado, Montana and Utah, graduates of our great universities, professional men, merchants, mining engineers, master mechanics, and machinists have bent their backs, begrimed their faces, and blistered their hands, at their unaccustomed toil with the pick or shovel, the winch, the pan or the sieve, in washing, amalgamating, digging shafts, opening winzes and tunnels, drawing up and lowering the miner's bucket, and stoping, or opening the veins or lodes, above or below the levels, which they had cut in the rocky ridge in which their principal lode was found.

This is hard work; and it is only the hope of gain sufficient to remunerate these volunteer working-men for their toil, which gives strength to their

arms and vigor to their blows. For a long and steady pull, they would have to give place to the sturdy and stolid laborer; but their energy and will power may hold out, till they have sufficient encouragement in their prospects, to warrant their employment of men of greater brawn and muscle, though of less intellectual ability.

HARDSHIPS OF THE IMMIGRANT TO A MINING REGION.

The lot of the immigrant to the mining districts, even if he has a moderate capital at command, is harder, and his condition more uncomfortable, than that of the immigrant who has a farmer's vocation in view. The farmer can have a rude yet comparatively comfortable shelter from sun, wind, and storm reared very soon. His farm is on the prairie or the edge of the forest, and at all events not on broken or rocky ground. He can command generally food sufficient for himself and his family, either from the nearest town, or, if on the extreme frontier, by the use of his rifle or his fishing-rod. Before he realizes anything from his own farm, there is always opportunity for earning good wages by working for his neighbors.

But the immigrant to the mining regions finds them invariably in a rough and broken country; and if he seeks a place anywhere in the Rocky Mountain ranges, especially on their western slopes, which are richest in gold and silver, he will soon discover that he has come upon a region, which has hardly a parallel on the earth's surface in the boldness of its cliffs, the ruggedness of its precipices, the depth and gloominess of its cañons, and the wonderful character of its eroded and water-worn rocks and caverns. Sharp, treeless ridges, upheaved by earthquakes or displaced by volcanic action, are the most frequent localities of the larger fissure veins and lodes.

A MINING VENTURE.

If, then, you determine to try your fortune in mining operations, having located a promising claim by the assistance of such an honest and capable expert as we have spoken of, who becomes your partner on "the grub stake plan," as it is called in the mining region, you furnishing the necessary money and provisions (mostly canned meats, fish, and vegetables) against his experienced mining knowledge and skill, in both directing and working personally, you may as well go to work yourself with him, and with what other mining laborers you can find means to employ, for the sooner your lode is partially developed, the sooner you will be likely to receive a return for your money invested. You have found a lode not already claimed, and you and your partner have made such examination and assay as to satisfy you that it probably contains paying ore.

STAKING OFF YOUR CLAIM.

Your first business is to stake off your claim. By the United States mining laws, unless restricted by local laws, as they sometimes are, you can claim 1500 feet in length upon the line of the lode, and a width of 300 feet on each side of it, making a tract of 1500 by 600 feet, unless this extends into other claims previously made. This is about 20 $\frac{1}{4}$ acres. To make sure of the course and dip of your fissure vein, you should run a tunnel or drift into it or sink a shaft of small size before recording it.* Next you stake this off and have it recorded within twenty days at the district Register's office, describing it by its metes and bounds, in connection with some prominent natural object, stating also the precise extent of your claim, and whether it is taken on one or both sides of the point of discovery of the existence of the lode, and obtain your certificate of location. At the same time, or if possible before recording it, you should post on your claim a notice of its extent, the names of the locators, the number of feet claimed,

* This is important, as the Government now refuses to admit a claim which has not been thus explored.

and the direction from the point of discovery shaft. The bounds of the claim must be defined by good sized posts of wood or stone, set at suitable distance from each other.

HOW TO ENTER SEVERAL CLAIMS.

If several others are associated with you, you can, if you choose, claim a similar tract of 1500 feet by 600 feet for each person, not exceeding eight in all, having, however, made exploration by a discovery shaft tunnel or drift on each plat, and having staked it off and posted a notice of it at the discovery shaft, giving all the particulars already specified for each plat. But these several plats must not run into any other claim, and each must have in its central line a well defined lode or vein—and all these particulars must be given for each plat in the application for a recorder's certificate. The fees for this filing are five dollars each to the Register and Receiver for each plat.

HOLDING POSSESSION.

In order to hold possession of these mining plats it is required that until the patent is issued—which may not be under one, two, or three years—the locator or locators must perform work, or make improvements on each plat, to the value of not less than one hundred dollars each year. It may happen that the lode or vein dips at such an angle as to come outside of the claim on one side or the other, at a depth which is not too great to be worked; where this is the case the locator or his grantors and legal successors can claim this vein, between the vertical lines of 1500 feet (the extent of the claim), although these lines may be extended beyond the three hundred feet limit on either side.

BLIND LODES AND TUNNELLING CLAIMS.

If in tunnelling their lode the owners of a claim come upon blind lodes, *i.e.*, those not appearing at the surface, extending at a greater or less angle from the original lode, and not previously known to exist, they have a right to tunnel these blind lodes to an extent not exceeding 3000 feet, though they must be worked with reasonable diligence, and a failure to work them for six months is considered an abandonment of them. If they are worked continuously, no surface claimant of the land beyond the limits of the 300 feet and within 3000 feet of their commencement can make a valid claim to the surface under which they run. These are called tunnel rights.

CONTESTING CLAIMS.

Where a contesting claim is brought against an original one, the law requires that both parties should file a survey, which must be endorsed by the Surveyor General, and the Register publishes a full notice of both claims, at the expense of the claimants, for sixty days in some newspaper published nearest the claim.

MAKING PAYMENT FOR THE CLAIM.

Or if there is no adverse claimant, the publication may be made for the protection of the title of the original claimant, who at the end of the sixty days files his affidavit showing the posting of the claim during the sixty days, and that he has complied with the other requirements of the law, and asks for his patent, paying to the Receiver, in addition to the other fees, five dollars for each acre and five dollars for each fraction of an acre in his claim. Thus in the case of a single claim the payment will be for the twenty and four-seventh acres, one hundred and five dollars. The Receiver issues the usual duplicate receipt for this money and forwards all the papers to the General Land Office at Washington, where a patent for the land is issued if it is found regular.

PROSECUTING AN ADVERSE CLAIM.

If there is an adverse claimant who persists in his claim, after the sixty days' publication the Receiver gives notice in writing to both parties, requiring the adverse claimant to proceed within thirty days to prosecute his claim before a court of competent jurisdiction, and if he fails to do so within that time, it will be considered waived, and the application of the original claimant for a patent will be allowed to proceed on its merits.

These are all the provisions of the law in regard to lode or vein mining, and they apply as well to the newly discovered form of deposits known as contact lodes, except so far as "tunnel rights" are concerned.

PLACER MINING UNCERTAIN.

Placer mining comes under different provisions, but as we cannot advise you to invest in placer mining on account of its uncertainty, it is hardly worth while to specify the lengthy provisions of the law in regard to it.

WORKING THE CLAIM.

Now, then, your claim to your mine being reasonably secured, you have time to find out what value there is to it, present or prospective. Here come in your uncertainties and perplexities. It may prove a fortune for you, and then again it may not. The chance is perhaps about one in five that if your prospector was skillful, you have a good thing.

THE DISCOUNT NECESSARY ON THE ASSAY.

If it is a true fissure vein, and the dip is at such an angle that it can be worked without too much expense, it may prove profitable; but you must not suppose that because the lode at or near the surface yields on assay (if it is gold) eighty or a hundred dollars to the ton of ore or gangue, that you will be able to realize that amount per ton from it in practically working the vein. Even if it proved as rich at a greater depth as at the surface, which is not probable, as the productiveness usually diminishes to some extent as you penetrate deeper, the assay must be reduced at least twenty-five per cent. to estimate the actual working product.

"POCKETS" AND "CHIMNEYS" vs. "HORSES."

There may be "pockets" and "chimneys," spurs from the main vein, of exceptional richness yielding three, four or five hundred dollars or more per ton; but these are rare; while the occurrence of "horses" or boulders of porphyry or quartz, entirely barren of gold, blocking the vein for some feet, are far more frequent, and tracts of barren rock in the vein, extending for a hundred feet or more, are not uncommon.

LOW GRADE ORES SOMETIMES PROFITABLE.

There are very few gold veins in the whole mining region whose average yield is as much as forty dollars to the ton; hundreds of veins are worked and yield a good profit under favorable circumstances where the yield does not exceed from six to thirteen dollars per ton. If your gold mine has a stamp mill near at hand, and you can transport your ore or quartz there without too heavy expense, and the gold is what is known as free milling gold, that is, pure or nearly pure gold in the quartz, and not a sulphure, or other combination which requires, for its reduction, roasting or chloridizing or lixiviation (all expensive processes), you have no reason to be discouraged if it does not yield over \$15 or \$20 to the ton.

CONTACT LODES.

But it is possible that, instead of a fissure vein, you have a contact lode. You do not know what that is? Very probably; but we will tell you. It is a newly-discovered form of mineral deposit, so far as we yet know confined to silver-bearing lead ores, in which, however, there may be some gold in combination with the silver and lead. These contact lodes were first discovered in the vicinity of Leadville, where their character was not for a long time understood; but they have since been found in other localities on the western slope of the Rocky Mountains, in Colorado, and elsewhere, and it is possible that some of the mines in the Black Hills, may prove to be of the same character. In the fissure veins or lodes the gold or silver (oftenest the gold) was found mixed with quartz and other broken down rock between walls of porphyry or other hard rock. These veins, and the fissure which they fill, may incline at any direction, but they are generally very narrow, varying from two or three inches, or even less, to perhaps, at the widest, four or five feet. When, therefore, the carbonate of silver deposits in the vicinity of Leadville began to uncover to a width of forty, fifty, and finally one hundred and even one hundred and fifty feet, people wondered at the tremendous dimensions of this vast fissure vein, and were ready to think they had hit upon the mother-vein of the Rocky Mountains. After a time, however, they began to find that, though so very broad, these deposits were not very thick; that, while the true fissure veins penetrated for an unknown distance into the earth, the miner in these, going down vertically, soon came to entirely barren rock. Penetrating through this, he might come to another layer of silver ore, or he might not.

WHAT CONTACT LODES ARE.

It was a considerable time after these discoveries were made before their real significance was understood. They are layers or strata of the argentiferous carbonate of lead, interposed between the strata of rock, sandstone, limestone, slate, hornblende, gneiss, or granite, as the case may be, and they may extend to the right or left indefinitely, thinning out in some places and thicker in others; but their vertical thickness is not very great. In some instances, on penetrating through the underlying stratum of rock, one, and we believe, in one instance two, similar deposits were found between lower strata. The name given to these deposits—contact lodes—expresses their character very well, for they are in contact with the strata above and below them.

THESE CONTACT LODES NO RICHER THAN THE FISSURE VEINS.

You are not to suppose that these deposits are entirely of pure ore, or indeed that they contain any larger proportion of pure silver or lead than the deposits contained in fissure veins. The average yield of silver and lead from the mines in the vicinity of Leadville is from \$50 to \$75 to the ton. A few have exceeded this for a time, but the yield of larger amounts, as of \$200 to \$350 per ton, has very soon fallen off.

COSTLY REDUCTION WORKS NECESSARY.

Like all silver mining, this cannot be carried on successfully without costly reduction works, smelters, or works for roasting, chloridization, lixiviation, etc. These, if owned by other parties than the owners of the mines, generally absorb the largest share of the profits, and in the end often become the proprietors of the mine, if it is a good one.

LARGE CAPITAL NECESSARY FOR SILVER MINING.

The point where the small mining proprietor begins to lose ground, and make losses instead of profits, is the one where he finds that more capital is indispensable for the development of his mine, and, in order to secure that

capital, parts with a controlling interest in it, and soon is crowded out by his wealthier associates, who take advantage of his toil and sacrifices, without making him any adequate return for them.

There are not to-day a dozen mines in all the West which are in the hands of their original discoverers or owners.

MINING IN THE SMALL WAY IN ARIZONA.

In Arizona, to those who are disposed to brave the climate, and the often protracted drought, and the isolation from the great centres of life and civilization, there are good opportunities for mining, even on a small scale. The lodes, both of gold and silver, are exceptionally rich, and even the simplest and rudest processes yield large returns. In no other region among civilized nations can a farmer do as General Frémont says many of the Arizona farmers are in the habit of doing—viz.: having found a gold mine upon their farms, which they have not the means of working on a large scale, they pursue their ordinary farm-work, and, when a leisure day comes, dig a quantity of gold ore from the vein, pound it up in a wooden or stone mortar with a log pestle, wash it in an old tin pan, or pick out the gold if it is in large grains, or amalgamate it if it is in small scales or powder, after the rude Mexican way, and then expel the mercury by heat. At the next market-day, with their other produce, they bring their bag of gold dust and sell it, repeating the process when spending money runs low. This method of mining is rather wasteful, as much of the gold is lost; but there is more money made by it there than in many of the mines by more expensive processes.

The vein and lodes in Arizona are so rich in gold and silver that there is a much better opportunity for men of small means to unite together and reduce the ores in a small way and with inexpensive apparatus, and obtain large profits, than anywhere else.*

THE MINING OF OTHER MINERALS.

But gold and silver are not the only minerals to be mined in this Western country, nor the only minerals which will yield a large profit. The production of gold and silver in the United States amounts to from eighty to ninety million dollars a year, and in the coming years will undoubtedly exceed one hundred millions; but it constitutes only about one twelfth of the entire mineral production of the country. The coal mines yield a much larger annual amount than the mines of gold and silver—at least three, and perhaps four, times as much. Copper, lead, and zinc are produced annually to the amount of more than one hundred millions, while iron and steel, the latter now made directly from the ore, exceed two hundred millions. The other mineral products, such as petroleum, salt, plaster of Paris, cement, sulphur, borax, nitrates and carbonates of soda and potassa, etc., etc., make up another large sum. The production and marketing of some of these minerals will yield a more certain, and in the end, a larger profit than most of the gold and silver mining.

PETROLEUM AND COAL.

Petroleum and coal production, in particular (the former found in great abundance in Wyoming Territory and in California, and probably in some of the other States and Territories, and the latter in many parts of the West),†

* There is, however, a strong probability that the marked tendency, which is now manifested, to invent or discover processes by which the severe labor and large expense now incurred in the reduction of gold and silver ores may be materially lessened, will not prove unavailing in other regions than Arizona. The recent invention of Mr. Edison by which the tailings from the stamp mills and amalgamated plates may be made to yield up a large percentage of gold hitherto lost, and another process, even more successful, now about to be brought to public notice, gives us great reason to hope that we are about to see cheap gold mining at least.

† The coal-beds west of the Mississippi are of all known qualities, and are valuable for fuels, for gas-making, for smelting, and the production of iron and steel. Many of them are geologically lignite, or coals of the tertiary formation; but in New Mexico, and perhaps at other points, we have a phenomenon which is not known to exist elsewhere on the globe—viz.: these soft, lignite, bituminous coals transformed into anthracite by volcanic action.

are industrious, which cannot fail to prove profitable and to be largely developed within the next five or ten years. The production of copper and lead is already very large, and it is not necessary now to send the ores of the former to Europe to be smelted.

SALT, BORAX, AND SULPHUR.

Salt, a prime necessity of human life, and used extensively in mining processes and in meat packing, is found in all forms: by evaporation at the salt lakes and on the ocean shores, by boiling and solar evaporation from brine springs, and by mining in the numerous deposits of rock-salt. Borax (bi-borate of soda) is found as a natural product in California and Nevada, in such quantities, that its gathering and exportation is a large and growing business. The alkaline plains yield at certain points carbonates and nitrates of soda and potassa (cooking-soda, saleratus, saltpetre, etc.) in large quantities, and nearly chemically pure sulphur is very abundant in California, Nevada, and Utah, and can be exported with great profit. An industry in which there is not too much competition is much more certain to yield success than one of greater promise into which thousands are rushing.

THE ARTISAN IN THE WEST.

But it may be that you have no fancy for mining or the exploiting of mineral products. You have not been brought up on a farm, nor been accustomed to the rearing of live stock. You have a good trade, and are skilful in it, and you have been accustomed from boyhood to the care of a garden, and to the cultivation of vegetables, fruit trees, and flowers; but your present quarters are too contracted for any considerable indulgence of your tastes. You have, moreover, a great desire to go West. What shall you do? Go, by all means, friend. You will find abundant employment, and a good opportunity to acquire a competence. You may have to rough it at first, but in a short time you will find yourself in a position of comfort.

WHAT CALLINGS ARE MOST SUCCESSFUL.

If your calling is one of the indispensable ones—builder, mason, plasterer, painter, glazier, paper-hanger, blacksmith, butcher, baker, hatter and furrier, or perhaps tanner, shoemaker, harness-maker, brick-maker, watchmaker and jeweller, bookbinder, stationer and news-dealer, miller, saw-mill tender, tinman, roofer, etc., etc.—you will find plenty of work in any of the new mining towns or farming villages, and at good prices; but take our advice: secure, before it is too high, a forty-acre lot of good land in the immediate vicinity, have it broken up, build a house on it, small at first, but so it can be enlarged easily. Sow your land to wheat or root crops, and you can sell this crop at home, with but little trouble, and add a comfortable amount to your income. Then plant young trees—shade trees, fruit trees of well-known and choice varieties—and devote your spare moments and hours to them; plant eight or ten acres, as soon as you can, with all the vegetables and truck which go to make up a market garden, and you will soon find that however profitable your trade may be, your market garden brings in twice as much; and your nursery of young trees will soon be thronged with purchasers. If you have children who are growing up, add flowers, build a greenhouse, and as fast as you can learn the art of floral cultivation, work into the florist's business.

NURSERIES, MARKET GARDENS, AND GREENHOUSES.

If work at your trade is dull, push your flowers, your market garden, your nursery, the more; if work is brisk, train your children to attend to this, giving them your oversight as often as you can.

HORTICULTURE & SPECULATION.

Following up this course, you need not break your heart if your neighbor A, who is a mine owner, finds a pocket in his mine which yields him many thousand dollars; or if your neighbor B sells out his shares for fifty or a hundred thousand dollars more than they cost him. You are adding to the earth's production; you are making two blades of grass grow where only one grew before, or a hundred trees where none grew previously; your neighbor who speculates in shares produces nothing; he only gambles on what others have produced. You may acquire property more slowly than he, but your course is sure and safe, and the chances are that ten years hence, you will be much the richer man of the two, though he may have won and lost a dozen fortunes in that time.

THE TEACHER AT THE WEST.

If you are a teacher, and would better your condition by emigrating to the West, our advice would be much the same. Good teachers are always in demand, even in the newest towns. The Yankee must have a school-house, and, generally, a church too, in his new village, quite as soon as a house for himself; the school-house, at all events, is sure to come very soon, whatever the nationality of the settlers of the town. But while you are teaching the young idea how to shoot, teach the shrubs, the young trees, and the flowers and vegetables to put forth their shoots too. Secure your forty acres as near to the town as possible, and make and keep it productive. Then, when teaching becomes a drudgery, and you desire to be relieved from its cares, you will have a valuable property, and a profitable business to make your declining years comfortable. Keep bees, if you can, or pigeons or poultry, rabbits or hares, or pet birds, anything except cats and curdogs. Teach your children botany and natural history, and lead their minds up from the beautiful flowers to Him who painted them with His sunbeams, and from the wise and curious animals, so well adapted to their modes of living, to Him whose omniscience guides all the actions of His creatures, and whose providence provides for their needs.

PROFESSIONAL MEN, CLERGYMEN.

The members of the several learned professions hardly need our advice in regard to emigration. Clergymen, in the exercise of their clerical duties, will find their positions at first trying, because of the present poverty of most of the settlers. When a man has expended all his means in paying for his land and its first cultivation, and the food which his family must consume before he realizes on his first crop, he cannot aid in supporting a minister, however strong may be his desire to do so. Moreover, these new immigrants must aid in building a church edifice of some kind, as well as in supporting a pastor, and this, while still straitened in regard to their own means living. After a few years this will be easy, but meantime they cannot with safety dispense with the church or clergyman. If the clergyman has any spare money he will do well to buy some land, or at least to secure the title of it to himself; it may be very convenient by and by. In most instances the Home Missionary Societies, of the different denominations, in the East will grant aid to deserving churches and ministers, till the churches are able to stand alone.

LAWYERS AND PHYSICIANS.

Lawyers and physicians are plenty enough, but they fare rather better than clergymen. The lawyers find a great deal of business in the abundant litigation in the mining districts and in conveyancing, and most of them have an additional resource in politics, which sooner or later bring them into official positions. The physicians, beside their professional duties, are mostly either chemists, metallurgists, or botanists, and find employment which

is profitable, either in connection with some of the mining, assaying or smelting companies, or in a professor's chair.

ENGINEERS AND ARTISTS.

Engineers are sure of constant employment, whether mining or civil engineers, if they understand their business.

Artists generally come as visitors, not immigrants, but are often employed by the wealthy mine owners very profitably.

OPERATIVES AND EMPLOYEES IN FACTORIES, ETC.

Employés and operatives in manufactures may find employment in some kinds of manufacture in the States nearest the Mississippi, for there is a large amount of manufacturing in Minnesota, Iowa, Missouri, Nebraska, and Kansas, and manufactures are increasing in Arkansas, Louisiana, and Texas. There is some opportunity for millers, saw-mill hands, sash, door and blind makers, coopers, agricultural machinery hands, iron and steel rail makers, iron furnace and foundry hands, stove and hollow ware founders and finishers, smelters, and in California and Oregon, salmon packers and a few woollen factory hands. In Kansas, Arkansas and Texas there are some cotton factories, and many oil mills for expressing cotton-seed oil, castor oil, linseed oil, etc.

COTTON AND WOOLLEN FACTORIES.

The factories for manufacturing cotton and wool are likely to increase largely within a few years. A machine has been invented, and is now in use to some extent, for spinning cotton with the seed in it, unginned, and the yarn is much better and more beautiful and durable than can be produced from ginned cotton. The yarn produced by these machines is destined to be manufactured largely in the vicinity of the cotton fields, and will thus create a home demand for cotton. Wool is now produced so largely throughout this whole region, that much saving of freight will result from its manufacture near the centres of wool production. When this is accomplished, the operatives from Eastern cotton and woollen factories will find it for their interest to emigrate westward.

IS IT NECESSARY TO GO WEST?

But, after all, is it not barely possible that there are lands east of the Mississippi, where, all things being taken into the account, a man or family can live as well and make as much money as in the West, and at the same time avoid the hardships and discomforts of a life on the frontier?

There is the same choice of occupations here as at the West. Land is not quite so low, generally, but on the other hand you avoid the long and expensive journey to the West. The agricultural production, under favorable circumstances, does not differ materially; but there prices are low and the cost of transportation to a better and higher market is very heavy, while here you have a market almost at your doors, and that, one which pays the highest price for produce. If there is a difference, as there certainly is in some sections, the Eastern climate is healthier, neither the heat nor the cold so oppressive, the rainfall sufficient to prevent any apprehension of a drought, the insect pests much less formidable, and the danger from malarial fevers less serious. The intensity of the cold of winter is greater in the northern tier of States and Territories of the West than in the middle Atlantic States, and the heat of the south-western States and Territories in summer, has no parallel in the East.

WHERE THE NEW LANDS ARE—MAINE AND NEW ENGLAND GENERALLY.

"But where," you will ask, "are these lands, to which you refer in the Atlantic States, and how can we reach them?" We answer, Not perhaps in Maine, though there is much good land in the State which is to be had at

from three to five dollars per acre; but it is, for the most part, somewhat remote from good markets, and the winter's cold is severe and protracted. Yet if you wish to engage in silver or copper mining there is a very fair opportunity for doing so in Maine, and with perhaps as good results as most men will attain at the West, and with lighter expenses.

Northern New Hampshire and Vermont have some good lands to be purchased at low prices, but the winters are hard and the soil rocky. Massachusetts, Connecticut, and Rhode Island are too densely populated to have much cheap land. Still there are old farms to be bought very low in the two former states, which need only the energy of a thorough farmer, to bring them into a thrifty condition and to make them yield very profitable crops. There are more or less mines and quarries in all three, which would pay well if well managed.

NEW YORK—NORTHERN NEW YORK.

New York has two large tracts of land and several smaller ones which, all things considered, are as favorably situated for profitable settlement as most of the Western lands. These are, first, the region known as "the Adirondacks," "John Brown's Tract," etc., in Northern New York. The country is well watered, the soil is mostly a virgin soil, with considerable timber of excellent quality on it, and will yield large crops of spring wheat, rye, and barley, the early sorghum, and in some sections Indian corn. The land can be purchased for from two to five dollars per acre, except where there is heavy timber on it, when it would probably be worth from eight to ten dollars. It is not at present traversed by any railroads, but these would soon be constructed if settlements were made there. The winter is very cold, but so it is in the valley of the Red River of the North. Wheat, rye, oats, and barley, as well as potatoes and other root crops for which it is well adapted, can be brought to market at a moderate expense, and the prices they will command are much higher than those paid in the West.

LONG ISLAND.

The second region which is eligible for settlement in New York, is on Long Island, and mainly in Suffolk County. It seems almost incredible that half a million of acres of land lying between thirty-five and ninety miles from New York City, the best and most inexhaustible market in the world, with a good soil, a very healthful climate, well watered, and having a sufficient but not excessive annual rainfall, should lie unimproved, and be at the present time for sale at from five to twelve dollars per acre. And the wonder is all the greater, when we find that a railroad passes through the whole length of this tract, with several branches, and that no part of it is more than twelve miles from the railroad, and much of it within from one to five miles of it, and that this railroad is now offering every facility to farmers, to transport their produce to market, and to bring from the city the needed fertilizers. The shores of the island abound in the best qualities of edible fish, oysters, clams, mussels, scallops, lobsters, crabs, etc., and the game birds and four-footed game of the whole region are abundant. On the island are forty factories for the production of oil from the menhaden, and the fish-scrap, or guano, one of the best fertilizers known, is now sent away from the island, because there is little or no demand for it there.

WHY IT HAS NOT BEEN SETTLED HITHERTO.

The only causes which can be assigned for the non-settlement of these lands, are the apathy of the inhabitants, and their lack of enterprise, and the evil report which has been made, falsely, of the barrenness of the lands, by those who preferred to supply themselves with wood from these lands, rather than to have them cultivated and populous, and be obliged to purchase coal for fuel. This state of affairs is now passing away.

ITS ADVANTAGES.

The land can be cleared at from five to ten dollars per acre, some of the timber being large enough for building purposes or for railroad ties. It will yield from twenty-five to thirty-five bushels of wheat or from twenty to twenty-eight bushels of rye to the acre, from two hundred and fifty to three hundred and fifty bushels of potatoes of the best quality, and with good cultivation and fair manuring, the whole region can be transformed into market gardens, fruit orchards, and strawberry, blackberry, and raspberry lands of the greatest productiveness, and for all these products there is an unfailing demand at the highest prices, in New York and Brooklyn and the cities adjacent.

MARKET-GARDEN FARMING MORE PROFITABLE HERE THAN AT THE WEST.

With the same capital, a young farmer, who is intelligent and enterprising, can do better on these lands, than he can in Kansas, Minnesota, Dakota, or Montana, and can be so conveniently situated to the great city that he or his family can visit it as often as they please. The great summer resorts of Cony Island, Rockaway Beach, Long Beach, Fire Island, and Montauk, which are visited by nearly two millions of people every season, afford additional markets for produce. The island affords also great opportunities for successful manufacturing. The great city of Brooklyn at its western extremity, has more than 250 millions of dollars invested in manufacturing, and there is now rapid progress in the establishment of manufactories in the counties of Queens and Suffolk.

NOT ADAPTED TO MINING.

There are not, at present, any known mineral deposits of great value on the island, whatever there may be in the future. The man whose heart is set on obtaining wealth from mining, will do better to go elsewhere; but even he need not go to the Rocky Mountains or the Pacific coast to find employment suited to his tastes, as we shall presently show.

NEW JERSEY.

If "Long Island's rock-bound shore" does not satisfy your longings for a new home, what have you to say to New Jersey?

Just listen to a few facts in relation to the lands which can be furnished to immigrants in that State. These facts are officially published, during the present year, by the Secretary of the Bureau of Statistics of Labor and Industry of New Jersey.

A MILLION ACRES.

There are more than a million of acres of uncleared lands in the eight southern counties of New Jersey, which can be purchased at from \$5 to \$20 per acre. They have been held by large proprietors, and most of them have their titles direct from the "Lords Proprietors," Penn, Fenwick, Byllinge, and others, who received their grants from Charles II. These great proprietors held their estates of from 17,000 to 80,000 acres of woodlands, and increased their fortunes by selling wood, timber and charcoal to the forges, iron furnaces, and glass-works of the vicinity. These great estates are now broken up, and the use of anthracite and other coals for the furnaces and glass-works, and for fuel, has rendered their former business less productive.

THE SOIL AND CLIMATE—FERTILIZERS.

The soil of these lands is good, a light loam, but easily cultivated; it can be readily fertilized by the use of marl, which is abundant in the immediate vicinity, and is worth from \$1 to \$1.75 per ton; lime, which is worth

from twelve to fifteen cents a bushel; or fish guano, which is a very powerful manure, worth from \$15 to \$18 per ton. It will produce almost any crop which you may desire to cultivate, and yields fine crops of the cereals and Indian corn (thirty to sixty bushels of the latter), root crops, melons, market-garden vegetables of excellent quality, fruit of great excellence, and all the small fruits. Railroads traverse all these counties, and both New York and Philadelphia furnish excellent markets.

The climate is very mild, the mean annual range of the thermometer being only $43\frac{1}{2}$ ° and the extremes being about 90° and 15° F.

RAINFALL, GRAPE CULTURE, MANUFACTURES, ETC.

The rainfall is about 48 inches. Ploughing can be done every month in the year. The culture of the grape is a favorite industry, and the grape attains great perfection from the long season without frost. The region is remarkably healthy and free from all malarious influences. It is especially commended for sufferers from pulmonary complaints.

Here are glass-works, silk factories, iron mines, artificial-stone works, iron furnaces, and a great variety of other manufacturing and mining industries.

WEST VIRGINIA.

If, however, you still prefer a country abounding in mineral wealth, turn your face westward or rather south-westward, and you will find in West Virginia, western North Carolina, or east Tennessee all that your heart can desire in the way of mineral wealth. In West Virginia the most abundant minerals are petroleum, salt, coal, and iron, and all are found in the greatest abundance. The salt springs along the banks of the Great Kanawha yield a salt of the very best quality. The petroleum wells yield mostly the heavy lubricating oils, though some of them produce the lighter illuminating oils. The quantity seems to be inexhaustible. The coal is of several varieties, but all of excellent quality. There are cannel coals, gas coals, smelting coals, analogous to the Indiana block coal, and some semi-anthracite coals for fuel. At some points in the cañon of New River and elsewhere, the best iron ores and furnace coals are in such close proximity, that the pig iron can be produced at the lowest possible cost, lime and other fluxes being also at hand, and the cars of the Chesapeake and Ohio Railway passing close at hand to carry it away. The climate is salubrious and pleasant, except on the mountain summits, where the snow lies long. The mountain slopes are covered with valuable timber, furnishing the principal supply of black walnut and other hard woods to the manufacturers of furniture. The soil in the valleys is excellent, the rainfall sufficient, and the crops satisfactory. Land is cheap here, but the settler, though nearer the great markets than at the West, is very much isolated.

NORTH CAROLINA,

In her mountainous region, in the west of the State, has veins of gold and silver, which, though not very rich, yield a fair competence to the industrious miner. She has also mountains of mica, from which the best large sheets are procured; and some iron and lead. The soil is not very rich, and the method of tilling it is primitive. There is much timber in the mountains. The climate is agreeable, and there are valuable mineral springs at several points. Land is held at low prices, but its quality is not such as to make it very desirable.

EAST TENNESSEE.

East Tennessee has valuable iron mines, copper mines, and coal-beds, and at several points is largely engaged in the production of iron which is of excellent quality. There is also gold, salt, and some petroleum in her hills. Much of her land is covered with heavy timber. Land is cheap, but the soil

is poor, and requires fertilizers to enable the settler to procure good crops. But the mineral wealth of the region will eventually enrich it. Northern Georgia and Alabama have considerable quantities of gold and silver, but the ores are poor, or the precious metals have not been thoroughly extracted. These regions are not very attractive to the emigrant.

FLORIDA.

Florida offers many advantages to the settler in her fine climate, her generally fertile soil, and her early seasons. The cultivation of the orange has been greatly developed there, and is profitable to those who can wait for the maturity of the orange groves. This takes about ten years, and then the income is permanent and constantly increasing. Some parts of the peninsula are subject to malarial diseases.

THE MORAL.

The moral of our long dissertation is, that with health, industry, enterprise, and economy a man can achieve a competence almost anywhere; without them, he will not succeed, even under the most favorable circumstances.

"ONE HUNDRED YEARS AGO."

HISTORICAL CHRONOLOGY OF THE UNITED STATES.

1761.

Excitement in the colonies against the British Government, caused by enforcement of Navigation Act against illegal traders.

1765.

Protests against Stamp Act (passed March 22) by the colonists, who object to taxation without representation....Oct. 7—First Colonial Congress met in New York.

1766.

Stamp Act repealed.

1767.

New duties levied on glass, paper, printers' colors and tea, and against which the colonial assemblies protest.

1768.

Gen. Gates sent to Boston to overawe the colonists.

1770.

March 5—Boston Massacre, when the first blood was split in the dispute with England....Daniel Boone explores Kentucky.

1771.

Armed protest against taxation in the Carolinas, and Governor Tyrion suppresses the rebellion.

1773.

British Parliament repeals the duties, except three-pence a pound on tea....Dec. 16—Dutiable tea emptied into Boston Harbor by men in disguise.

1774.

Boston closed by British Parliament as a port of entry....Sept. 5—The first Continental Congress assembled in Carpenter's Hall, Philadelphia....Declaration of Colonial Rights issued....April—Tea thrown overboard in New York Harbor....Dec. 29—British tea ship forbidden to land at Philadelphia.

1775.

April 19—Battle of Lexington, Mass., and beginning of the War of Independence....May 10—Fort Ticonderoga captured by Col. Ethan Allen....Crown Point and Whitehall taken....June 17—Battle of Bunker Hill, and death of General Warren....20—George Washington commissioned Commander-in-chief of the Army of the United Colonies....Bills of credit, known as Continental money, issued by Congress....Americans invade Canada....Surrender of Montreal....Death of General Montgomery before Quebec....Kentucky first settled by whites, near Lexington.

1776.

March 17—The British evacuate Boston....Americans driven out of Canada....July 4—Declaration of Independence....Aug. 2—Signed by the representatives of the thirteen States....July 8—Read to the people by John Nixon from the Observatory, State-house yard, Philadelphia....Aug. 27—Americans defeated on Long Island....Sept. 9—Title of "United States" adopted by Congress....Sept. 15—New York City taken by the British....Oct. 11, 12—Battle on Lake Champlain....Retreat of Washington over the Hudson and across the Jerseys to Pennsylvania....Oct. 18—Kosciusko commissioned an officer in U. S. army....Oct. 29—Battle of White Plains, N. Y....Dec.—Congress adjourns to Baltimore....25—Washington crosses the Delaware; 26—Captures 1,000 Hessians at Trenton, and recrosses the Delaware....Dec.—Benjamin Franklin and Arthur Lee, U. S. Embassy to solicit aid from France, arrive in Paris.

1777.

Jan. 3—Battle of Princeton....Washington in Winter quarters at Morristown, receives 24,000 muskets from France....Congress returns to Philadelphia....April—British burn Danbury, Ct....May—Americans destroy British stores at Sag Harbor, L. I....June 30—British army crosses from Jersey to Staten Island....July 10—Seizure of British Gen. Prescott in Rhode Island by Col. Wm. Barton....July 5—Burgoyne takes Crown Point and Ticonderoga....31—Lafayette commissioned a major-general, and introduced to Washington in Philadelphia....Aug. 3....Aug. 16—Battle of Bennington....Sept. 11—Battle of Brandywine, and retreat of Americans to Chester, and to Philadelphia....12....Sept. 18—Congress retires to Lancaster, and then to York....26—British Gen. Howe marches to Philadelphia, and encamps at Germantown....Oct. 4—Washington attacks the enemy at Germantown....Burgoyne advances to Saratoga....17—Surrender of Burgoyne and his whole army to Gen. Gates at Saratoga, N. Y....22—Battle of Red Bank, on Delaware River, and death of Gen. Donop....Howe's army goes into Winter quarters in Philadelphia, and Washington's A. Valley Forge.

1778.

Feb. 6—Treaty of alliance with France....May 5—Parsons Steuben created a major-general in American army....June 18—Howe's army evacuates Philadelphia, and retreats towards New York....28—Attacked by Americans on the plains of Monmouth, and retreats again....July 8—A French fleet arrives in the Delaware....30—Congress meets in Philadelphia....Shoes worth \$700 a pair in the Carolinas....Aug. 12—French and English fleets disabled in a storm off Rhode Island....29—Battle of Rhode Island....Wyoming Valley pillaged by Tories and Indians....Nov. 3—French fleet sails for West Indies....11, 12—Cherry Valley attacked by Indians and Tories....Dec. 29—The British capture Savannah, Ga.

1779.

March—Major-general Israel Putnam's famous ride down Horseneck Hill....May 11—British advance to Charleston, S. C., but retreat at the approach of Gen. Lincoln....June 6—Patrick Henry dies....June—Norton, Va., burnt by the British....June 21—Americans repulsed at Stone Ferry....July—New Haven, Ct., plundered, and East Haven, Fairfield and Norwalk burned....Stony Point, on the Hudson, captured by the Americans....Sept. 22—Paul Jones, in the Bon Homme Richard, captures the British ship Serapis....Oct. 9—Repulse of French and Americans, and death of Count Pulaski....23—Withdrawal of British troops from Rhode Island....Gen. Sullivan chastises the Six Nations....Dec. 23—Sir Henry Clinton, with his forces, sails for the South....Washington in Winter quarters at Morristown, N. J.

1780.

Washington sends Baron De Kalb to aid the Patriots in the Carolinas....Feb. 11—Clinton's troops land below Charleston....May 12—Surrender of Charleston....Submission of South Carolina....Gen. Gates marches South and is defeated by the British at Camden, S. C....Aug. 16—Baron De Kalb killed....British again land in Jersey, and attempt to capture Washington's stores at Morristown, but are repulsed at Springfield, June 23....July 10—Arrival of French fleet and 6,000 troops, under the Count de Rochambeau, at Newport, R. I....Sept. 22—Arnold meets Andre at Haverstraw to arrange for the surrender of West Point....23—Capture of Major Andre and discovery of Benedict Arnold's treason....Oct.—Andre hanged as a spy....American Academy of Arts and Sciences at Boston founded.

1781.

Continental money almost worthless....Jan. 17—Defeat of the British at Cowpens by Gen. Morgan, and retreat of the Americans into Virginia....March 15—Battle of Guilford....Retreat of the British to Wilmington....May 26—Act of Congress authorizing Bank of North America to be established at Philadelphia....Battle of Eutaw Springs, South Carolina....New London, Ct., burnt by the British....Arnold, in the British service, commits depredations in Virginia....Aug.—Cornwallis fortifies himself at Yorktown....Arnold devastates the New England coast....Sept. 28—Washington and Rochambeau arrive before Yorktown....Oct. 19—Surrender of Cornwallis at Yorktown, which secures the ultimate triumph of the United States....Rochambeau remains in Virginia, and Washington marches North, and goes into Winter quarters on the Hudson.

1782.

British flee from Wilmington, S. C., at the approach of Gen. St. Clair....Clinton and his army blockaded in New York by Washington....March 4—British House of Commons resolves to end the war....May 5—Arrival of Sir Guy Carleton to treat for peace....July 11—British evacuate Savannah....First war ship consigned in the United States at Portsmouth, N. H....John Adams, John Jay, Dr. Benjamin Franklin, Thomas Jefferson and Henry Laurens appointed by the United States, Commissioners to conclude a treaty of peace with Great Britain....Four of them meet English commissioners in Paris, and sign preliminary treaty Nov. 30....Dec. 14—British evacuate Charleston, and Gen. Francis Marion ("The Swamp Fox") disbands his brigade.

1783.

Jan.—Bank of North America opened in Philadelphia....Jan. 20—French and English commissioners sign treaty of peace....A cessation of hostilities proclaimed in the army....Feb. 5—American Independence acknowledged by Sweden; Feb. 25, acknowledged by Denmark; March 24, by Spain; July, by Russia....Sept. 3—Definite treaty of peace signed at Paris, and America's

Independence acknowledged by Great Britain...June 19—Society of the Cincinnati formed by officers of the army at Newburg...Nov. 3—United States army formally disbanded...25—New York City evacuated by the British, and General Washington at head of American army entered the city...26—Congress assembles at Annapolis, Md...Dec. 4—Washington takes leave of his comrades-in-arms, New York City...Dec. 23—Washington resigns his commission to Congress....Slavery abolished in Massachusetts....The parties known as Federalists and Anti-Federalists originated.

1784.

First voyage of an American ship to China from New York...New York Chamber of Commerce founded...Jan. 4—Treaty of Paris ratified by Congress.

1785.

John Adams, first American ambassador to England, has an audience with the King....First Federal Congress organized in New York.

1786.

Shay's insurrection in Massachusetts.

1787.

May 25—A convention to amend articles of Confederation composed of delegates from all the States except Rhode Island, met in Philadelphia. Federal constitution formed and submitted to Congress Sept. 28. July—North-western Territory, embracing the present States of Ohio, Indiana, Illinois, Michigan and Wisconsin established.

1788.

Quakers of Philadelphia emancipate their slaves.

1789.

March 4—Federal Constitution ratified by the requisite number of States, and becomes the organic law of the Republic....March 11—Philadelphia incorporated as a city....April 6—Washington chosen the first President of the United States, and John Adams Vice-President....30—Washington inaugurated at the City Hall, Wall Street, New York....Departments of Treasury, War and Foreign Affairs created, and a national judiciary established....Nov. 21—North Carolina adopts the Constitution.

1790.

District of Columbia ceded to the United States by Maryland and Virginia....April 17—Death of Benjamin Franklin....May 29—Rhode Island adopts the Constitution, being the last of the original thirteen States to do so....Aug. 12—Congress adjourns in New York, and, Dec. 6, meets in Philadelphia....First census of the United States; population 3,929,326....Territory South-west of the Ohio established....A United States ship circumnavigates the globe....Troubles with the Indians, which continue until '94....The Anti-Federalists become known as the Republican party.

1791.

Feb. 18—Vermont admitted as a State....City of Washington founded....First bale of cotton exported to England since the war.

1792.

April 2—Act past establishing United States Mint at Philadelphia....June 1—Kentucky admitted as a State....Washington and Adams re-elected....June 21—Philadelphia and Lancashire Turnpike Company chartered. Road opened in 1795—the first turnpike in the United States.

1793.

Cotton-gin invented by Eli Whitney.

1794.

Congress appropriates \$700,000 to establish a navy. Insurrection among the Dutch in Western Pennsylvania on account of duties on distilled liquor....John Jay appointed Envoy Extraordinary to England to settle disputes between the two Governments.

1795.

Treaty with Western Indians....Yellow-fever pestilence in New York....Oct.—Treaty with Spain.

1796.

June—Tennessee admitted as a State....Credit of the Government re-established, and all disputes with foreign powers, except France, adjusted....Sept.—Washington issues a farewell address.

1797.

John Adams inaugurated President; Thomas Jefferson Vice-President....Envoy appointed to adjust difficulties with France are refused an audience with the French Directory.

1798.

Preparations for hostilities with France....July—Washington again appointed Commander-in-chief of the Army....Navy Department created, with Benjamin Stoddart of Maryland, as Secretary....French Directory make overtures for peace.

1799.

Jan.—Lafayette returns to France....Feb. 26—Three Envys proceed to France to negotiate for peace....Dec. 14—Washington dies at Mount Vernon, aged 68 years.

1800.

Removal of the Capital from Philadelphia to Washington....May—Formation of Mississippi Territory....Sept. 30—American Envys to France conclude a treaty with Napoleon Bonaparte.

1801.
March 4—Thomas Jefferson inaugurated President....Tripoli declares war against the United States....U.S. Navy Yard at Philadelphia established.

1802.

April—Ohio admitted as a State....Yellow Fever ravages Philadelphia.

1803.

April—Louisiana purchased from the French, and divided into Territory of New Orleans and District of Louisiana....Alien and sedition laws passed....Amendments to the constitution adopted....Com. Preble sails for Tripoli....U. S. frigate Philadelphia captured by the Tripolitans.

1804.

Lewis and Clarke start on an exploring expedition up the Missouri and down the Columbia River to the Pacific Ocean....Feb. 15—Lieut. Decatur burns the Philadelphia in the harbor of Tripoli....Middlesex canal, first in the United States, completed....July 12—Alex. Hamilton killed in a duel by Aaron Burr....Aug.—Com. Preble bombs Tripoli.

1805.

Michigan created into a Territory....June 3—The Pasha of Tripoli makes terms of peace....Yellow-fever pestilence in New York.

1807.

May 22—Beginning of trial of Aaron Burr on a charge of treason, Richmond, Va.; Sept. 15, acquitted, remitted, but never tried....Robert Fulton navigates the Hudson in a steamboat....June 22—The Chesapeake fired upon by the British ship Leopard....Retaliatory measures between England and France cripple the American shipping trade abroad....Congress decrees an embargo, which detains all vessels, both American and foreign, in port.

1809.

March 1—Congress repeals the embargo on shipping, and at the same time passes a law forbidding all commercial intercourse with England or France until their obnoxious restrictions on commerce shall be removed....March 4—James Madison inaugurated President.

1811.

March 1—Congress refuses to recharter the Bank of the United States....Nov. 5—Battle of Tippecanoe—General Harrison defeats the Indians.

1812.

June 19—The President formally declares war against Great Britain....General Dearborn appointed Commander-in-chief....New England States threaten to secede....July 12—Gen. Hull crosses the Detroit River to attack Fort Malden, Canada....17—Fort Mackinaw captured by British and Indians....Aug. 7—Hull retires from Canada....13—The Essex, Captain Porter, captures the Alert—first vessel taken from the British in that war....16—Surrender of Detroit to British....Several skirmishes on the frontier....19—U. S. frigate Constitution, Commodore Isaac Hull, captures and burns the Guerriere....Oct. 18—U. S. sloop Wasp, Capt. Jones, captures the Frolic, and both are taken by the British ship Poictiers....25—U. S. frigate United States, Com. Decatur, captures the Macedonian....Dec. 23—The Constitution, Com. Bainbridge, makes a prize of the British frigate Java....April 8—Louisiana admitted as a State.

1813.

Jan. 22—British Gen. Proctor defeats the Americans at Frenchtown, prisoners and wounded massacred by the Indians....Admiral Cockburn destroys shipping in the Delaware and ravages the Southern coast....New England coast blockaded by Com. Hardy....Feb. 21—Battle of Ogdensburg, N. Y....March 4—Second inauguration of President Madison....Successful defense of Forts Meigs and Sandusky....April—Americans capture York (now Toronto), May—Fort George taken, June....U. S. frigate Chesapeake surrenders to the Shannon (British). Capt. James Lawrence—("Don't give up the ship")—mortally wounded and dies June 1....General Dearborn succeeded by Gen. Wilkinson....Aug. 30—Massacre by Creek Indians at Fort Mimms, Alabama River....Generals Andrew Jackson and Coffee prosecute the war against the Indians....Sept. 10—Battle of Lake Erie....Com. Perry defeats and captures the British Fleet....28 or 29—Americans take possession of Detroit....Oct. 5—Battle of the Thames. Americans, under Gen. Harrison almost annihilate the British, under Proctor. Tecumseh killed....Termination of the war on the Northwest boundary....12—Americans compelled to abandon Fort George....British and Indians surprise and capture Fort Niagara and burn Buffalo and several other villages and towns....Power loom introduced in the United States.

1814.

March—The Essex taken by British ships Price and Cherub....Gen. Wilkinson repulsed on Canadian frontier and superseded by Gen. Izard....May 5—British attack Oswego and withdraw July 7....July 3—Fort Erie captured....4—Battle of Chippewa; British defeated....25—Battle of Niagara; British again defeated....Aug. 9-12—Gen. Hardy makes an unsuccessful attack on Stonington.

1815.

Aug. 15—Repulse of assault on Fort Erie....24—Ross defeats the Americans at Bladensburg, and on the same

day captures the City of Washington, burning the Capitol, White House and other buildings....25—British retreat to their ships....Sept. 12-14—Unsuccessful attack on Baltimore; Gen. Ross killed....Sept. 13—Key composes "The Star-Spangled Banner"....Sept. 15—British attack on Mobile repulsed....Sept. 16—Com. McDonough's victory on Lake Champlain. The British land forces, under Prevost, are defeated at Plattsburgh, N. Y....Americans destroy Fort Erie, and Nov. 5 go into Winter quarters at Buffalo....Nov. 7—Gen. Jackson storms and captures Pensacola, Fla., and leaves for Mobile 9....15—Hartford Convention—Federalists oppose the war, and threaten a secession of the New England States....Dec. 2—Gen. Jackson arrives at New Orleans....21—Treaty of peace with Great Britain signed at Ghent.

1815.

Jan. 8—Battle of New Orleans....15—U. S. ship President captured by the Endymion....Feb. 17—Treaty of Ghent ratified and peace proclaimed....March 23—The Hornet captures the Penguin....War with Algiers....Com. Decatur humiliates the Mediterranean pirates....April 6—Massacre of American prisoners at Dartmoor, England.

1816.

Congress charters a new United States Bank....Indiana admitted as a State....The Republican party in N. Y. City adopt, for the first time, the title of Democrats.

1817.

James Monroe inaugurated President....The United States suppresses piratical establishments in Florida and Texas....Trouble with the Seminole and Creek Indians....Dec.—Mississippi admitted as a State....July 4.—Eric Canal begun.

1818.

Gen. Jackson pursues the Indians into Florida, takes Pensacola and banishes the Spanish authorities and troops....Aug. 24—Centre foundation of present Capitol laid at Washington, D. C....Dec.—Illinois admitted as a State.

1819.

Florida ceded by Spain to the United States....Steamer, named the Savannah, first crossed the Atlantic....First lodge of Oddfellows opened in the States....Territory of Arkansas formed....Dec.—Alabama admitted as a State.

1820.

March—Maine admitted as a State....James Monroe re-elected President.

1821.

Aug. 21—Missouri admitted as a State, with the famous "Compromise," under which it was resolved that in future no slave State should be erected north of northern boundary of Arkansas....Streets of Baltimore lighted with gas.

1822.

Piracy in the West Indies suppressed by the United States....Boston, Mass., incorporated as a city....March 3—United States acknowledge independence of South America....Oct. 3—Treaty with Colombia.

1823.

President Monroe promulgates the doctrine that the United States ought to resist the extension of foreign dominion or influence upon the American continent.

1824.

Aug. 15—Lafayette revisits the United States.

1825.

March 4—John Quincy Adams inaugurated President....Corner-stone of Bunker Hill Monument laid by Lafayette....Lafayette leaves for France in frigate Brandywine....Eric canal completed....Contest between the Federal government and Georgia concerning Indian lands.

1826.

July 4—Death of ex-Presidents John Adams and Thomas Jefferson....Morgan excitement and formation of Anti-Masonry Party.

1828.

May—Congress passes a tariff bill imposing heavy duties on British goods. Denounced by the Southern people as oppressive and unconstitutional....Title of "Democrats" adopted generally by Republican Party.

1829.

March 4—Inauguration of Gen. Andrew Jackson as President....July 4—Corner-Stone laid of U. S. Mint, Philadelphia.

1830.

Treaty with the Ottoman Porte....Workingman's Party originated in New York City.

1831.

Jan. 10—King of the Netherlands renders his decision on the boundary question between Maine and the British possessions. Rejected by both parties and question settled in 1842 by the Treaty of Washington....July 4—James Monroe dies.

1832.

Black Hawk Indian War commenced....June 27—Cholera breaks out in New York....Aug.—Indians driven beyond the Mississippi—capture of Black Hawk and end of the war....South Carolina declares the tariff acts null and void and threatens to withdraw from the Union if the Government attempts to collect the duties....Dec.

1833.

President Jackson issues a proclamation, denying the right of any State to nullify any act of the Federal Government....The Morse system of electro-magnetic telegraphy invented.

1834.

Tariff dispute settled by the passage of Henry Clay's bill....March 4—President Jackson inaugurated for a second term....He removes the public funds from the Bank of the United States....Widespread commercial distress....Opponents of Andrew Jackson first call themselves the Whig Party....Oct. 14—Political riots in Philadelphia.

1835.

Cholera again rages in New York.

1836.

War with Seminole Indians, led by Osceola, in Florida....Texas declared independent....Nov. 15—Great fire in New York....Democrats first called "The Loco-foco Party"....July 12—Negro riots in Philadelphia.

1837.

The Creeks aid the Seminoles in their war....Arkansas admitted as a State....National debt paid off....March 29—Pennsylvania newly incorporates the Bank of the United States.

1838.

Jan. 25—Michigan admitted as a State....March 4—Martin Van Buren inaugurated President....The banks suspend specie payment; panic in business circles....Many Americans assist the Canadian insurgents....The steamboat Caroline burnt by the British, near Schlosser, east of Niagara, on United States Territory.

1839.

Proclamation by the President against American citizens aiding the Canadians....The steamship Sirius, the first to make the Western transatlantic passage, arrives at New York from Cork, Ireland, and is followed on the same day by the Great Western from Bristol, Eng....The Wilkes exploring expedition to South Seas sailed.

1840.

Another financial panic, and, in October, banks suspend specie payment.

1841.

July 4—Sub-Treasury bill becomes a law....Railroad bills in Philadelphia.

1842.

March 4—William H. Harrison inaugurated President; died April 4....Aug. 9—Sub-Treasury act repealed and a general bankruptcy bill passed....Alex. MacLeod, implicated in the burning of the Caroline, tried for arson and murder at Utica, N. Y., and acquitted, Oct. 12....Feb. 4—United States Bank failed and other banks suspended specie payment.

1843.

Aug.—Treaty, defining the boundaries between the United States and the British American Possessions and for suppressing the slave trade, and for giving up fugitive criminals, signed at Washington....Aug. 1—"Abolition Riots," in Philadelphia. Churches burned.

1844.

Suppression of a threatened insurrection in Rhode Island, caused by the adoption of a new constitution, known as the Dorr Rebellion....Jan. 11—"Weaver's Riots," Philadelphia.

1845.

Treaty of commerce with China....May and July—Riots, and Catholic churches burned in Philadelphia....May 27—Anti-rent riots in New York State....Telegraphic communication established between Washington and Baltimore.

1846.

March 1—The Republic of Texas received into the Union....3—Florida and Iowa admitted as States....4—James K. Polk inaugurated President....June 8—Death of Gen. Andrew Jackson....Treaty with Great Britain fixing Northwestern boundary....Gen. Zachary Taylor ordered to defend the Texan border against a threatened invasion by Mexico.

1847.

War with Mexico....May 8—Battle of Palo Alto....9—Battle of Resaca de la Palma. Mexicans beaten in both....July 6—Com. Sloat takes possession of Monterey....Aug.—Gen. Kearney takes possession of New Mexico....Com. Fremont occupies California....Ang. 19—Com. Stockton blockades Mexican ports....Dec.—Iowa admitted as a State....Oct. 25—Com. Perry bombards Tabasco, Mexico....Nov. 14—Com. Connor occupies Tampico.

1848.

Feb. 8—Kearney proclaims the annexation of California to the United States....Col. Doniphan defeats Mexicans in Chihuahua and takes possession of that province....Feb. 23—Battle of Buena Vista, Taylor defeats Santa Anna....March 27—Surrender of Vera Cruz and castle to Gen. Scott and Com. Perry....Battle of Cerro Gordo. April 18....Aug. 20—Battles of Contreras and Churubusco....Sept. 8—Battle of Meliño del Rey....13—Battle of Chapultepec....14—American army enters City of Mexico.

1849.

Feb. 18—Gen. Scott superseded in Mexico by Gen. Wm. O. Butler....Treaty of Guadalupe Hidalgo which stipulated for the evacuation of Mexico by the American Ar-

my within three months; the payment of \$15,000,000 by and subsequently goes to Philadelphia, New York and the United States to Mexico for the territory acquired Boston, embarking for home Oct. 20, at Portland, Me.... by conquest; and it also fixed boundaries, etc., Feb. 23 Juno 28—Steamship Great Eastern first arrives at New John Quincy Adams dies....Postal convention between York....Dec. 18—U. S. Senate rejects "Crittenden Compromise."...Dec. 20—Carolina secedes from the Union United States and Great Britain....May 29—Wisconsin admitted as a State....July 4—Peace with Mexico formally proclaimed....News of the discovery of gold in California reached the States....Mormons (founded by Joseph Smith 1827) settled near Great Salt Lake, Utah....Dec. 8—First deposit of California gold in Mint.

1849.

Great exodus of gold-seekers to California....March 4—The "Wilmot Proviso" passed by Congress....March 5—Gen. Zachary Taylor inaugurated President....June 15—James K. Polk dies....The people of California vote against slavery in that territory....Cholera in New York....May 30 to Sept. 8—Philadelphia depleted by cholera....Treaty with England for a transit way across the Isthmus of Panama.

1850.

March 31—John C. Calhoun dies....May—The Grinnell expedition, in search of Sir John Franklin, leaves New York....July 9—President Taylor dies....Great fire in Philadelphia....10—Vice-President Millard Fillmore assumes the Presidency....Violent debates between the Pro-slavery and Free-soil parties in Congress over the proposed admission of California....Sept. 9—Passage of Henry Clay's "Omnibus Bill," relative to slavery....Territory of Utah organized.

1851.

Letter postage reduced to three cents....Lopez's expedition landed in Cuba....Lopez captured, and executed in Havana, Sept. 1....Minnesota purchased from the Sioux Indians....Dec.—Louis Kossuth arrives in New York....Dec. 24—Capitol at Washington partly destroyed by fire.

1852.

United States expedition to Japan, under command of Com. Perry, a brother of the hero of Lake Erie....June 29—Henry Clay dies....Oct. 24—Daniel Webster dies.

1853.

Washington Territory created out of the northern part of Oregon....April—Franklin Pierce inaugurated President May—Four vessels, under Capt. Ringgold, leave on an exploring expedition to the North Pacific Ocean....Expeditions start to explore routes for railway to the Pacific coast....Second expedition in search of Sir John Franklin leaves, under command of Doctor Kane....Capt. Ingraham upholds the rights of American citizenship in the affair of Martin Koszta, at Smyrna.

1854.

May—Passage of the Kansas-Nebraska Bill, which created those two Territories, and left the people of every territory, on becoming a State, free to adopt or exclude the institution of slavery....Feb. 28—Seizure of the American Steamship Black Warrior in harbor of Havana....June 7—Reciprocity treaty between Great Britain and the United States, respecting international trade, fisheries, etc....July 13—Capt. Hollins of sloop Cyane bombard San Juan de Nicaragua....March 31—Commercial treaty with Japan concluded by Com. Perry....Oct. 9—Ostend Conference.

1855.

Serious trouble in Kansas over the slavery question....William Walker takes possession of Nicaragua and establishes a government there....June 23—Railroad from Panama to Aspinwall opened....Dispute with England over enlistment of soldiers for Crimean War....Gen. Harney chastises the Sioux Indians.

1856.

May 22—Preston S. Brooks of South Carolina, assaults Charles Sumner, in Senate.

1857.

Jan. 4—Kansas rejects the Lecompton Constitution....Disturbances in Utah....March—The Supreme Court gives judgment in the Dred Scott case....Aug. 24—Beginning of financial panic, which culminates in an almost general suspension of banks.

1858.

May—Minnesota admitted as a State....Ang. 3—Kansas again rejects Lecompton Constitution....Aug.—Atlantic telegraph cable laid....President's message to Queen Victoria sent 16, but cable proved a failure.

1859.

Oregon admitted as a State....June 25—Commodore Tatnall of U. S. Navy, in Chinese waters, makes his famous utterance: "Blood is thicker than water!"....July 4—A. H. Stephens of Georgia advocates the formation of a Southern Confederacy....Oct. 16—John Brown's raid on Harper's Ferry....18—Brown and his companions captured....Dec. 2—Brown hung....Nov.—Gen. Scott sent to protect American interests in San Juan.

1860.

March—John Brown's companions hung....March 27—Japanese Embassy, first to leave Japan, arrive at San Francisco. Received at Washington, D. C., by President Buchanan, and afterwards have public receptions in Baltimore, Philadelphia and New York, departing from the latter city in frigate Niagara June 29....May 17—Abraham Lincoln nominated at Chicago....Sept. 21—Prince of Wales arrives at Detroit, visiting United States,

Boston, embarking for home Oct. 20, at Portland, Me....Boston, embark for home Oct. 20, at Portland, Me....Feb. 23 Juno 28—Steamship Great Eastern first arrives at New York....Dec. 18—U. S. Senate rejects "Crittenden Compromise."...Dec. 20—Carolina secedes from the Union....Dec. 26—Gen. Anderson evacuates Fort Moultrie, Charleston, and occupies Fort Sumter....Dec. 30—President Buchanan declines to receive delegates from South Carolina.

1861.

Jan. 9—Mississippi secedes. Confederates at Charleston fire into reinforcement steamer Star of the West....10—Alabama and Florida secede....11—Major Anderson refuses to surrender Fort Sumter....12—Confederates storm Vicksburg, Miss., and seize Navy Yard at Pensacola, Fla....18—Georgia secedes....Jan. 20—Louisiana secedes....29—Secretary of Treasury, John A. Dix, issues his thrilling order, addressed "W. H. Ellphill Jones, New Orleans": "If any one attempts to haul down the American flag, shoot him on the spot!"....Feb. 5—Texas secedes by legislative act....Peace conference assembles at Washington, D. C., and first congress of the seven seceded States assembles at Montgomery, Ala....Jefferson Davis chosen President of Confederate States, and A. H. Stephens, Vice-President....18—Davis inaugurated at Montgomery, Ala....Gen. Twiggs surrenders at the Confederates in Texas, and March 1 is dismissed from U. S. Army in disgrace....22—President-elect Lincoln, with his own hands, raises the American flag at the State House, Philadelphia....March 4—He is inaugurated at Washington....April 12—Major Anderson again refuses to surrender, and the Confederate batteries open fire on Fort Sumter....The North aroused....14—Major Anderson evacuates Fort Sumter "with colors flying and drums beating, bringing away company and private property, and saluting his flag with fifty gun..."....15—President Lincoln calls for 75,000 troops....17—President Davis issues letters of marque, and President Lincoln blockades Southern ports....Virginia passes ordinance of secession....18—U. S. Arsenal at Harper's Ferry destroyed by Federal authorities....First troops arrived at Washington, via Harrisburgh, Pa....19—Sixth Massachusetts Regiment attacked while passing through Baltimore....Seventh Regiment of New York leaves that city for Washington....21—Norfolk (Va.) Navy Yard burnt by Federal authorities....May 6—Arkansas formally secedes....9—11—Tennessee secedes....20—North Carolina secedes....24—Col. E. E. Ellsworth murdered at Alexandria, Va....June 3—Stephen A. Douglas dies....July 21—Battle of Bull Run....Aug. 10—Battle of Wilson's Creek, Missouri....Gen. Nathaniel Lyon killed....20—Gen. G. B. McClellan assumes command of Army of Potomac....Sept. 20—Col. Mulligan forced to surrender at Lexington, Ky....Oct. 21—Battle of Ball's Bluff, Va....Gen. E. D. Baker killed....31—Gen. Winfield Scott resigns, and McClellan is made commander-in-chief....Nov. 8—Capt. Wilkes of the San Jacinto captures Mason and Slidell on board of the Trent....War with England imminent....30—Jefferson Davis elected President of Confederate States for six years....Dec. 2—Congress votes thanks to Capt. Wilkes....30—Banks in New York suspend specie payment....Mason and Slidell surrendered, and on Jan. 1, 1862 they sail for Europe.

1862.

Jan. 17—Ex-President John Tyler dies....Feb. 6—Gen. Grant captures Fort Henry....7—8—Gen. Burnside captures Roanoke, N. C....13—Assault and capture, by Gen. Grant, of Fort Donelson, Tenn....27—Government enjoins newspapers from giving publicity to important military movements....March 2—Gen. F. W. Lander dies at Camp Chase, Va....6—8—Battle of Pea Ridge, Ark....8—Rebel ram Virginia (formerly Merrimac) sinks the Cumberland and the Congress....9—Naval battle between the Monitor and the Merrimac....11—McClellan assumes personal command of the Army of Potomac....14—Burnside captures Newburn, N. C....18—Gen. W. H. Keen dies....April 1—Slavery abolished in District of Columbia....5—McClellan begins siege of Yorktown, Va....6—7—Battle of Shiloh or Pittsburgh Landing—death of Gen. A. S. Johnston....Gen. G. F. Smith dies 25, and Gen. W. H. L. Lawrence 10....25—New Orleans surrenders to Farragut....May 1—Gen. Butler formally takes possession of New Orleans....5—Battle of Williamsburg, Va....31—June 1—Battles of Fair Oaks and Seven Pines, Va....27—July 1—Seven Days' Fight, Va....12—President Lincoln appeals to the Border States in behalf of emancipation....14—Gen. Pope assumes command in Virginia....18—New York and Philadelphia begin using car tickets and postage stamps as currency....23—Halleck made General-in-chief of U. S. army....Aug.—Admiral George C. Reid dies....5—Battle of Baton Rouge, La....Gen. Thomas Williams killed....6—Gen. Robt. L. McCook shot by guerrillas....9—Battle of Cedar Mountain, Va....16—McClellan retreats from Harrison's Landing, Va....23—Gen. Henry Bohlen killed....29—Battle of Groveton or Manassas, Va....30—Second Battle of Bull Run, Va....Gen. George B. Taylor dies Sept. 1....Sept. 1—Battle of Chantilly, Va....Gens. Philip Kearney and Isaac J. Stevens killed....President Lincoln issues proclamation as a preliminary to emancipating slaves....McClellan placed in command of fortifications of Washington....14—Battle

of South Mountain, Md.—Gen. Reno killed...13-15—Harper's Ferry, Va., surrendered...17—Battle of Antietam, Md.—Gen. Mansfield killed; Gen. I. P. Rodman dies Sept. 29, and Gen. I. B. Richardson Nov. 4....24—President Lincoln provisionally suspends habeas corpus...Oct. 1—Internal-revenue Stamp Law goes into effect...8-9—Battle of Corinth, Miss.—Gen. P. A. Hackelman killed...8—Battle of Perryville, Ky.—Gens. R. J. Oglesby, Wm. R. Terrill and J. S. Jackson killed...10-13—Confederates, under Stuart, enter Pennsylvania...30—Gen. Rosencrans supersedes Gen. Buell at the West...Gen. O. M. Mitchell killed at Beaufort, S. C....5—Gen. McClellan superseded by Gen. Burnside as commander of Army of Potomac...Nov. 6—Gen. C. D. Jameson dies...10—Com. Garrett J. Pendergast dies...10—Rear-Admiral E. A. F. LaVata die...22—Gen. F. E. Patterson killed at Fairfax, Va....Dec. 10-15—Gen. Burnside attacks and retreats from Fredericksburg, Va.—Battle of Fredericksburg...Dec. 13—Gens. G. D. Bayard and C. F. Jackson killed...31—Battle of Murfreesboro, Tenn., begun, and Bragg is defeated.

1863.

Jan.—Gen. E. N. Kirk, wounded at Murfreesboro, dies...1—President Lincoln emancipates slaves...9—French Government offers mediation, declined Feb. 6...26—Gen. Hooker supersedes Gen. Burnside...25—Congress passes the Conscription or Draft bill...March 3—Congress authorizes suspension of habeas corpus...6—Clement L. Vallandigham serenaded in Philadelphia—great excitement there...18—Bread riot of Confederate soldiers' wives, Salisbury, N. C....21—Gen. E. V. Sumner dies...28—Gen. James Cooper dies...April 7—Confederates attack Charleston, S. C....26—Gen. Burnside assumes command of Department of Ohio...May 1—Battle of Chancellorsville, Va.—Stonewall Jackson is wounded, and dies May 10; Gen. H. G. Berry dies May 3; Gen. A. W. Whipple, May 5; and Gen. Ed. Kirby June 1....May 4—Gen. Joseph B. Plummer dies...14—Grant defeats Gen. Joe Johnston at Jackson, Miss....16—Grant defeats Gen. Pemberton at Champion Hills, Miss....18—Grant invests Vicksburg, Miss....June 14—Battle of Winchester, Va....Gen. Lee invades Maryland and Pennsylvania...16—Mayor Henry of Philadelphia calls upon citizens to close their places of business and prepare to defend the State...27—Gen. Geo. H. Meade supersedes Gen. Hooker...28—Theatres, libraries and places of business closed in Philadelphia, and earthworks thrown up on roads leading to the city...July 1-3—Battle of Gettysburg, Pa.—Gens. Reynolds, Weed, Farnsworth and Zook killed...4—Vicksburg surrenders to Gen. Grant and Rear-Admiral Porter...7—Great rejoicing at the North over the surrender...Statehouse and fire-bells rung in Philadelphia...8—Port Hudson, Miss., surrenders...15—President Lincoln names Aug. 6 as a day of National Thanksgiving...13-16—Draft riots in New York City; also that week in Boston, Mass., and Portsmouth, N. H....30—Gen. Geo. C. Strong, wounded at storming of Fort Wagner, Charleston (July 18-19) dies...Aug. 14—Gen. Benj. Walsh dies...21—Lawrence, Kas., sacked and burned...25-30—Gen. Averill's cavalry raid into Virginia...Sept. 5—Women's bread riot in Mobile, Ala. During the year there was also one in Richmond, Va., five thousand women taking part...6—Fort Wagner, Charleston, evacuated...8—Boat attack on Fort Sumter...10—Gen. Burnside occupies Knoxville, Tenn....19-20—Battle of Chickamauga, Ga.—Gen. W. H. Lytle killed...Oct. 10—Quantrall's attack on Fort Scott, Kansas...21-22—Battle of Philadelphia, Tenn....Nov. 12—Meeting held to restore Arkansas to the Union...14-17—Gen. Longstreet defeats Burnside...22-25—Grant and Sherman defeat Bragg at Chattanooga, Tenn....25—Gen. Wm. T. Sanders dies...26-27—Battles of Locust Grove and Mine Run, Va....Dec. 4—President Lincoln offers amnesty to all but the rebel leaders...16—Gen. John L. Mott dies...22—Cooper's Shop Soldiers' Home, Philadelphia, dedicated...30—The Monitor founders off Cape Hatteras.

1864.

Jan. 8—Rear-admiral George H. Storer dies...Feb. 11—Com. Wm. J. Cluney dies...20—Battle of Olustee, Fla....Feb. 27—March 4—Kilpatrick and Dahlgren repulsed at Richmond, Va....March 12—U. S. Grant succeeds Halleck as commander-in-chief...April 8—Battle of Sabine Cross Roads, La....9—Battle of Pleasant Hill, La....12—Massacre at Fort Pillow, Tenn....May 1—Com. W. D. Porter dies...13—Battle of the Wilderness, Va.—Gen. Alex. Hays killed; Gen. James S. Wadsworth dies May 6,...9—Gen. John Sedgwick killed...10—Gen. Thos. G. Stevenson killed...11—Stuart, Confederate cavalry leader, killed...18-25—Battles of Spotsylvania Court House, Va., etc....June 1-6—Battle of Cold Harbor, Va., and vicinity...5-30—Battles of Lost Mountain, Kenesaw Mountain, and Little Kenesaw, Ga.—Gen. C. G. Harker killed 27,...19—Naval battle—the Kearsarge sinks the Alabama...15-18—Assault on Petersburg, Va....July 1—Part of Lee's army invades Maryland, threatens Baltimore and Washington, and retreats July 12-13....6—Gen. Samuel A. Rice dies...20-22-28—Sherman's three battles near Atlanta, Ga.—"The March to the Sea"...30—Confederates again invade Maryland and Pennsylvania, and burn Chambersburg...Aug. 5—Confederate fortress near Mobile, Ala., destroyed by Farragut...6—General Grinnell requested by the President to resign, but refuses.

A. Stedman killed...8—Fort Gaines captured...16—Gen. D. P. Woodbury dies...Sept. 1—Sherman occupies Atlanta, Ga....7—He orders its depopulation...14—Gen. J. B. Howell killed...19—Sheridan defeats Early at Winchester, Va.—Gen. D. A. Russell killed...24—Com. T. A. Conover dies...29—Gen. H. Burnham dies...Oct. 19—Rebel raid on St. Albans, Vt....19—Battle of Cedar Creek, Va.—Gen. D. D. Bidwell killed...29—Gen. T. E. G. Ransom dies...Nov. 8—McClellan resigns from U. S. army...13—Sherman destroys Atlanta...30—Gen. Thomas repulses Hood at Franklin, Tenn.—Rebel Maj. Gen. P. R. Cleburne killed...Dec. 14-16—Thomas defeats Hood near Nashville, Tenn....21—Sherman enters Savannah, Ga....24-25—Admiral Porter and Gen. Butler assault Wilmington, N. C.

1865.

Jan. 13-15—Attack on capture of Fort Fisher, N. C....16—Monitor Patapsco sinks, Charleston Harbor....Feb. 1—Congress abolishes slavery in the United States...6—Battle of Hatcher's Run, Va....17—Columbia, S. C., captured...18—Charleston, S. C., surrenders...18—Gen. Lee assumes supreme command of Confederate armies, and recommends arming of the blacks...22—Confederate Congress decree that the slaves shall be armed...Schofield captures Wilmington, N. C....27-March 6—General Sheridan's raid into Virginia...March 4—Second inauguration of President Lincoln...14-April 13—Stoneman's raid in Virginia and North Carolina....March 10-11—Battle of Kinston, N. C....20—Mobile, Ala., besieged...29 April 3—Battles of Hatcher's Run and Five Forks, Va....April 2-Assault on Petersburg, Va....23—Grant occupies Richmond and Petersburg, Va....6—Battle of Deatonsville, Va....9—General T. A. Smyth dies. Surrender of Gen. Lee, Appomattox Court-house, Va....12—The Union flag hoisted at Fort Sumter, Mobile, Ala., captured...13—Drafting and recruiting stopped...14—President Lincoln assassinated by John Wilkes Booth...15—President Lincoln dies, and Andrew Johnson becomes President...22—Com. W. W. McKeon dies...26—John Wilkes Booth shot...May 4-9—Surrender of Gen. Taylor and rebel fleet...10—Capture of Jefferson Davis at Irwinville, Ga....26—Surrender of General Kirby Smith...End of the rebellion...22—President Johnson rescinds order requiring passports from all travelers entering the United States, and opens Southern ports...26—He proclaims a conditional amnesty...June 1—Solemn fast for death of President Lincoln...July 7—Execution of Payne, Atzerodt, Harrold and Mrs. Surratt, for complicity in Lincoln assassination...Oct. 11—Pardon of Alexander Stephens and other Southern officials...Nov. 2—National thanksgiving for peace...6—Capt. Waddell surrenders cruiser Shenandoah to British Government...10—Capt. Wirz of Andersonville prison executed...22—Com. J. H. Morrison dies...Dec. 1—Habeas corpus restored at the North.

1866.

Jan. 28—Hon. Thomas Chandler dies...Feb. 19—President vetoes Freedmen's Bureau bill...March 14—Jared Sparks, historian, dies...27—President Johnson vetoes Civil Rights Bill...April 9—Civil Rights Bill passed over the President's veto...12—Hon. Daniel S. Dickinson dies...May 16—President Johnson vetoes the admission of Colorado as a State...29—Gen. Winfield Scott dies...June 7—Fenians from the United States make a raid into Canada...17—Hon. Lewis Cass dies...July 16—Freedmen's Bureau bill become a law...27—Atlantic telegraph—the successful one—completed...30—Maj. Gen. Lyman Cutler dies...Aug. 14—National Union Convention assembles in Philadelphia—wigwam...Sept. 1—Southern Unionist Convention assembles in Philadelphia...7—Matthias W. Baldwin pioneer in American locomotives dies...Oct. 13—Prince John Van Buren, son of Hon. Martin, dies...Dec. 13—Congress passes bill giving negroes the right to vote in District of Columbia...26—Maj.-Gen. Samuel R. Curtis dies.

1867.

Jan. 9—Congress rejects Fourteenth Amendment...10—Congress passes bill providing for "universal suffrage" in the territories...23—President Johnson vetoes bill to admit Colorado...29—He vetoes bill to admit Nebraska...30—Feb. 6—Delaware and Louisiana reject Constitutional Amendment...8—Nebraska admitted as a State...March 2—President Johnson vetoes Reconstruction bill...23—Tenure-of-office bill passed over President's veto...23—President vetoes Supplementary Reconstruction bill...30—Announced at Washington that Russia cedes Alaska to the United States...April 9—Senate confirms Alaska treaty...11—Site conveyed to United States Government for post-office in New York City...May 3—Eight-hour riots in Chicago...9—General strike of workingmen throughout the States...13—Jefferson Davis admitted to bail at Richmond, Va., June 3—Gen. Sheridan removes Gen. Weitzel of Louisiana and on 6 appoints B. F. Flanders Governor...July 3—Congress assembles in extraordinary session...11—Reciprocity treaty between the United States and the Hawaiian Islands...19—President vetoes Supplementary Reconstruction bill...24—Riot in Knoxville, Tenn.—New York State Constitutional Convention rejects woman-suffrage proposition...30—Gen. Sheridan removes Governor Throckmorton of Texas...Aug. 5—Secretary Stanton is requested by the President to resign, but refuses...12—

'Stanton suspended, and Gen. Grant appointed Secretary of War ad interim.'...17—Gen. Sheridan relieved at New Orleans....19—National Labor Congress meets at Chicago....Sept. 8—President issues amnesty proclamation....30—Negro riots in Savannah, Ga....Oct. 3—Whiskey riot in Philadelphia....Nov. 2—Gen. Sherman announces Indian war at an end....8—Formal transfer of Alaska to Gen. Roseau, at New Archangel....14—Denmark concludes treaty, ceding and selling the islands of St. Thomas, San Juan and Santa Cruz, to United States....22—Jefferson Davis returns to Richmond....Dec. 7—Resolution of Judiciary Committee to impeach President Johnson voted down in the House—108 to 57.

1868.

Jan. 6—House of Representatives passes bill making eight hours a day's work for Government laborers....13—The Senate reinstates Stanton....14—Gen. Grant vacates War office in favor of Secretary Stanton....Feb. 13—Another attempt to impeach President Johnson....20—New Jersey Legislature withdraws ratification of proposed Fourteenth Constitutional Amendment....21—Stanton again removed, and General Thomas appointed Secretary of War *ad interim*....22—Stanton adheres to the office....24—House votes (265 to 27) to impeach the President....25—Gov. Ward of New Jersey vetoes resolution of Legislature withdrawing ratification of Fourteenth Amendment....March 2—House adopts impeachment articles....4—They are presented to the Senate....5—New Jersey Senate passes over Gov. Ward's veto an amendment; lower House does the same....25....6—Senate organizes a Court of Impeachment....7—President Johnson summoned to appear before it....13—Impeachment Court sits....23—President's counsel answers impeachment articles, and Court adjourns to 30....26—Senate ratifies North German treaty....28—U. S. Grand Jury at Richmond, Va., finds no bill of indictment against Jefferson Davis....April 2—North German Parliament passes the Naturalization treaty with the United States....6—Michigan votes against negro suffrage....24—President nominates Gen. Schottfeld to be Secretary of War....May 21—Grant and Colfax nominated at Chicago....The Burlingame Chinese Embassy arrive at New York....26—Impeachment Court declares the President not guilty. Secretary Stanton resigns....30—Senate confirms Gen. Schofield as Stanton's successor....June 1—Ex-President James Buchanan dies....5—Chinese Embassy received by President Johnson....22—King of Belgium reviews United States squadron under Farragut off Ostend....24—Senate passes eight-hour law....25—President vetoes "Omnibus" bill....29—President vetoes Electoral College bill. Secretary Seward announces ratification of the Fourteenth Amendment....21—President orders Secretary of War to withdraw military forces from Southern States represented in Congress. Senate ratifies treaty with China....25—Senate ratifies treaty with Mexico....27—Jefferson Davis and family sail from Quebec for England....30—Gen. Meade declares civil government restored in Florida, Georgia and Alabama....Aug. 11—Hon. Thaddeus Stevens dies—Washington, D. C....22—President declares Sitka a port of entry....26—Oregon withdraws ratification of Fourteenth Amendment....Nov. 3—Iowa and Minnesota vote in favor of negro suffrage, and Missouri against it.

1869.

Jan. 1—Gen. Grant holds a public reception in Independence Hall, Philadelphia....Feb. 20—Martial law declared in Tennessee....22—26—Congress passes Fifteenth Amendment. Kansas is the first State (Feb. 27), to ratify it, though imperfectly, and Delaware the first to reject it....March 4—Gen. Grant inaugurated as President....25—Pennsylvania ratifies Fifteenth Amendment....April 13—Senate rejects Alabama Treaty with Great Britain....May 13—Woman-suffrage Convention in New York City....19—President Grant proclaims that there shall be no reduction in Government Laborer's wages because of reduction of hours....June 18—Hon. Henry J. Raymond, *N. Y. Times*, dies....July 12—Completion of Atlantic cable from Brest to St. Pierre; thence to Duxbury, Mass....30—Hon. Isaac T. Hopper dies....Aug. 16—National Labor Convention, Philadelphia....Sept. 1—National Temperance Convention, Chicago....8—Hon. Wm. Pitt Fessenden dies....10—Hon. John Bell dies....16—Hon. John Minor Botts dies....Oct. 8—Virginia ratifies Fourteenth and Fifteenth Amendments....Ex-President Franklin Pierce dies....Nov. 4—Geo. Peabody dies....6—Admiral Charles Stuart dies....24—National Woman-suffrage Convention, Cleveland, O., and Henry Ward Beecher chosen President....Dec. 10—National Colored Labor Convention, Washington....24—Hon. Edwin M. Stanton dies.

1870.

Jan. 26—Virginia readmitted into the Union....Feb. 9—U. S. Signal Bureau established by Act of Congress....17—Mississippi re-admitted into the Union....23—Hon. Anson Burlingame dies....March 28—Maj.-Gen. George H. Thomas dies....29—Texas re-admitted to representation in Congress, thus completing the work of reconstruction....30—President Grant announces the adoption of the Fifteenth Amendment....July 12—Admiral John A. Dahlgren dies....Aug. 14—Admiral David G. Farragut dies....15—National Labor Congress, Cincinnati....22—

President Grant issues a proclamation enjoining neutrality as to war between France and Prussia....23—Irish National Congress convenes, Cincinnati....Oct. 4—Second Southern Commercial Convention, Cincinnati....12—Death of Gen. Robert E. Lee....25—Convention in Cincinnati for purpose of removing National Capital from Washington to some point West.

1871.

Jan. 1—Cabral, the Dominican Chief, denounces President Grant, and opposes sale and annexation of St. Domingo to the United States....10-11—U. S. House and Senate appoint committee to visit St. Domingo....11—Hon. John Covode dies....29—O'Donovan Rossa and other Fenian exiles arrive in New York....30—House of Representatives pass resolution of welcome to Irish exiles....Feb. 9—New Jersey recommends Philadelphia as the place to hold Centennial celebration, 1876....18—Cabral, in a letter to Vice-President Colfax, denounces the union of Dominica and Hayti....19—Helena, Ark., almost destroyed by a tornado....22—British members of Joint High Commission arrive in New York....27—Commission begins its sessions in Washington, D. C....March 3—Riots in Pennsylvania coal mines....5—Chinamen's riot in San Francisco Cal....27—Senator Sumner denounces Santo Domingo scheme....30—Colored parade in New York in honor of Fifteenth Amendment....April 7—Coal riots in Scranton, Pa....10—Celebration in New York of German Unity and end of war between Prussia and France....May 1—U. S. Supreme Court sustains constitutionality of Legal-tender act....3—President Grant issues proclamation for suppression of Ku-Klux Klan....6—Joint High Commission concludes Washington Treaty....15-16—German peace celebration in Philadelphia....24—Treaty of Washington ratified by Senate....29—Naturalization Treaty between Austria and United States ratified by the Reichstag....30—Decoration Day....June 1—American naval force, making a survey of the coast of Corea, Asia, fired on from masked batteries....2—Minister Low demands an apology, and is answered that "the Corean civilization of 4,000 years brooks no interference from outside barbarians." 10, 11—U. S. naval forces land on the island of Kang Noe, Corea, and destroy a fort and the Citadel....17—Hon. Clement L. Vallandigham dies....28—President Grant appoints Civil-service-reform Commission....July 3—Naval forces, having attained their object, retire from coast of Corea....4—President Grant proclaims complete ratification of Treaty of Washington....12—Orange parade and riot in New York....19—Massachusetts' Centennial Committee arrive in Philadelphia....Sept. 21—Chief Justice McKeon of Utah decides against Mormons serving as grand jurors in Federal courts....Oct. 2—Postal money-order arrangement between United States and Great Britain goes into effect....Brigham Young arrested for Mormon polygamy....7—First great fire in Chicago breaks out....8, 9—Second and greatest fire in Chicago....10—Election riot in Philadelphia between white rouges and negroes, and attempts to destroy the office of *The Press*....26—Gen. Robert Anderson dies, Nice, France; Hon. Thomas Ewing, Lancaster, O....27—Arrest of William M. Tweed, New York City....Dec. 17—Internationalist funeral procession in New York City.

1872.

Jan. 10—National Woman-suffrage Convention, Washington....Feb. 28—Congress sets apart Yellowstone Valley as a national park....April 2—Prof. S. F. Morse dies—New York City....16—Prof. Morse memorial services in various cities and also in Hall of United States House of Representatives....May 10—Woman-suffrage Convention in New York nominates Mrs. Woodhull for President and Frederick Douglass for Vice-President....22—Congress passes Amnesty bill....June 1—James Gordon Bennett, *N. Y. Herald*, dies....5—6—Gen. Grant nominated for President at Philadelphia, and Henry Wilson for Vice-President....15—Board of Arbitration, under Treaty of Washington, meet at Geneva, Switzerland....17—Monter Peace Jubilee, Boston....July 9—Democratic Convention at Baltimore nominates Horace Greeley for President....Nov. 5—Grant re-elected President....9—Great fire in Boston, Mass....29—Death of Hon. Horace Greeley.

1873.

Jan. 6—McEnery inaugurated Governor of Louisiana; also, Kellogg....Jan. 20—Sanguinary defeat of United States troops by the Modocs....27—Congress abolishes the franking privilege....Feb. 26—Alexander II. Stephen elected to Congress from Eighth District of Georgia....March 4—Second inauguration of U. S. Grant as President....April 11—General Canby and Dr. Thomas murdered by Capt. Jack and the Modocs....28—United States troops surprised and slaughtered by the Modocs in the lava beds....May 9—Hon. James L. Orr, United States Minister to Russia, dies—St. Petersburg....7—Chief Justice Salmon P. Chase dies....June 1—Captain of Captain Jack and the last of the Modocs....10—The American Department in the Vienna Exposition formally opened....27—Completion of the new Atlantic cable....July 20—Capt. Buddington and party rescued in the Arctic Sea by the whaler *Ravensraig*....25—Great fire in Baltimore....26—Destructive fire in Norfolk, Va....Aug. 2—Great fire in Portland, Oregon....9—Disastrous Conifa

gration in Portland, Me., Sept. 18—Suspension of J. Cooke & Co., and beginning of financial panic...30—Grand Masonic parade in Philadelphia...Oct. 3—Capt. Jack and three accomplices hanged. First session Evangelical Alliance, N. Y. City...31—Spanish gunboat Tornado seizes American steamer Virginian on the high seas...4—Gen. Burriel of Santiago de Cuba shoots Gen. R. an and others...7—He butchers Capt. Fry of the Virginian and his crew...28—A protocol, arranging the difference between the United States and Spain, agreed upon...Dec. 24—Death of Prof. Louis Agassiz...16—Celebration in Boston of the centennial of the "tea-party" in the harbor of that city...Spain formally surrenders the Virginian to the United States...26—The Virginian, towed by United States steamer Ossipee, sinks off Frying pan Shoals,

1874.

Jan. 8—Repeal of the Salary Act, save with respect to President Grant...9—Board of Centennial Supervisor, Philadelphia, adopt plans and specifications for permanent exhibition building...21—President Grant signs new salary bill...Feb. 24—Women's movement against liquor-selling begins in Ohio and spreads to other States...23—Defeat in the House of the bill reviving the franking privilege...April 3—A cremation society formed in New York...11—Congress passes the inflation or currency bill...March 8—Death of ex-President Millard Fillmore...11—Death of Hon. Charles Sumner...22—President Grant vetoes inflation...May 13—The Brooks forces surrender in Arkansas, and quiet is restored...22—Senate passes Supplementary Civil-rights bill...26—Senate passes bill inviting nations to take part in the Centennial at Philadelphia...June 8—U. S. Steamer Swatara, with party of scientists sailed from New York to observe transit of Venus...10—Senate passes Moely bill...13—House defeats Compromise Currency bill...17-18—Government of District of Columbia abolished...20—President Grant signs the Compromise Currency bill...4—Formal opening of the great bridge over the Mississippi River, at St. Louis. Ground broken at Fairmount Park, Philadelphia, for Centennial buildings...7—Henry Ward Beecher demands an investigation of the charge against him...14—Great fire in Chicago...Aug. 24-11—W. Beecher acquitted by the investigating committee of Plymouth Church...Sept. 14—Overthrow of the Kellogg government at New Orleans...17—The McEnery government, in obedience to a proclamation from President Grant, surrenders to the United States Army...19—Kellogg government reinstated...26—Victory of the American Rifle-team in the international match at Creedmoor, L. I....Oct. 16—National monument to Abraham Lincoln dedicated at Springfield, Ill.

1875.

Jan. 8—Beginning of the civil suit of Theodore Tilton vs. Henry Ward Beecher...7—House of Representatives passes Sherman's Specie-resumption bill...11—President Grant signs it...Feb. 8—President Grant denounces the Garland government in Arkansas, and recognizes Brooks as Governor...18—He issues a proclamation convening the Senate in extraordinary session March 5...March 1—President Grant approves the Civil-rights bill...2—Franking privilege partially restored...12—Announcement from Rome that A'elobishop McCloskey of New York, had been created a Cardinal...24—Extraordinary session of Senate terminates. President Grant orders all available cavalry into the Black Hills country, to remove trespassers, etc...April 18—Centennial of the Battles of Concord and Lexington, Mass., celebrated in those places...21—Spain pays \$45,000 of the \$80,000 agreed upon as the Virginian indemnity...27—Cardinal McCloskey receives the beretta...May 11—First international Sunday-school Convention assembles in Baltimore, Md., 17—Ex-Vice-president John C. Breckinridge dies...June 17—Celebration at Boston of the Bunker Hill Centennial...William M. Tweed released from Blackwell's Island, rearrested, and consigned to Ludlow-street jail on a civil suit...29—The American Team win the international rifle-match at Doullymount, Ireland...July 2—Jury in Tilton-Beecher case fail to agree...9—Gen. Francis P. Blair dies...27—Duncan, Sherman & Co., N. Y. Bankers, suspend, and the failure is followed by others...31—Ex-President Andrew Johnson dies...Nov. 22—Vice-President Henry Wilson dies...Dec. 7—President Grant, in his annual message, recommends free and non-sectarian schools, separation of Church from State, taxation of church property, and a sound currency...8—Congress is memorialized to appropriate \$1,500,000 for the Centennial Exhibition...4—Escape of William M. Tweed...11—Dynamite explosion at Bremerhaven, 60 persons killed...12—Sarah Alexander, a Jewess, brutally murdered at East New York, King's Co., N. Y...16—Explosion in a coal mine in Belgium, 110 persons killed...17—Weston, Thompson and Ellis executed in the Tombs for the murder of the pedlar Weisberg...25-30 persons killed at Heilekon, Switzerland, at a Christmas festival...28—Destructive hurricane in the Philippine Islands, 250 lives lost.

Jan. 1—Centennial year ushered in with rejoicings...6—Defeat of Herzegovinian insurgents by Turks, 600 killed...7—A second defeat of the Herzegovinians, many lives lost...Ships Harvest Queen and Cape Conquer collided off the British Coast, all on board lost...8-68 military recruits burned to death in Russia by burning of railroad cars...11—Over 300 Soldiers frozen to death in Douza, Turkey...14—Defeat of Amnesty Bill in U. S. House of Representatives...15—Earthquake in Maine...17—Tredgar Iron Works, Richmond, Va., failed, liabilities, \$1,300,000...18—Herzegovinians rout 6 battalions of Turks, 300 Turks killed...22—Two days fighting between Herzegovinians and Turks, 450 Turks killed...23—E. D. Winslow, Boston journalist, &c., fled, having committed forgeries to amount of \$250,000...23—The Centennial appropriation passed the House of Representatives...Masked burglars robbed the Northampton (Mass.) National Bank of \$670,000...26—Postage on third-class matter reduced to one cent for two ounces...Writ served on Gen. Schenck, Am. Minister to England, on account of his connection with the Emma Min. Matter...29—Destructive overflow of the Ohio River...Feb. 2—Portuguese House of Peers voted the Abolition of Slavery in St. Thomas, Africa, and the Gulf of Guinea...4—Fire in a Colliery in St. Etienne, Belgium, 156 men killed...8—Large fire in New York, \$3,000,000 property destroyed; 4 firemen killed...11—Centennial appropriation passed the Senate...15—Winslow, the Boston forger, arrested in London...17—Gen. Schenck, U. S. Minister to England, resigned...18—Maine Legislature abolished Capital Punishment...23—President of San Domingo resigned. Provisional Government established...27—Sinking of steamer "Mary Belle" in Mississippi River; loss, \$500,000...28—Carlist War in Spain declared ended...29—Announcement of annexation of Khokhok to Russia...March 1—Discovery that Gen. Belknap, Secretary of War, had sold Post-Tradechips and pocketed proceeds...Belknap resigns...2—800 Turks slain in Herzegovina...7—Alfonso Taft, of Ohio, appointed Secretary of War...8—A Home of the Aged, in Brooklyn, N. Y., burned; 18 old people perished...8—Jury in the \$6,000,000 Tweed suit found a verdict for the people of \$6,537,117.33...Japan declared war against Corea....A great battle between Egyptians and Abyssinians; 5,000 Abyssinians killed...11—Daniel Drew failed...13—Lieut.-Gov. Davis, of Mississippi, impeached and found guilty of high crimes and misdemeanors, and on the 2d removed from office...16—Terrible inundations in France, Belgium and Germany...21—Great battle between Mexican Government troops and Revolutionists; Government defeated; 1500 killed...25—The dykes at Herzogenbosch, Holland, give way, flooding the town, hundreds of horses swept away and 6,000 persons made homeless...23—500 Persians lost by a shipwreck in the Arabian Sea...29—Gov. Adelbert Ames, of Mississippi, resigns, and J. M. Stone, President of Senate, succeeds him...April 4—Successful and bloodless revolution in Hayti...5—U. S. Senate organized as a High Court of Impeachment in the Belknap case...10-12—The bill to issue silver coin in place of fractional currency passes both Houses of Congress...13—Turks successful in a battle near Kjevalis; 300 insurgents killed...15—Dom Pedro IV, Emperor of Brazil, arrived in New York...17—Issue of silver currency began...27—Belknap's trial began...28—Queen Victoria assumed the additional title of "Empress of India"...May 6—20,000 charges of "rend rock powder" exploded on Jersey City Heights, doing immense damage...8—The House of Representatives passed the Hawaiian Treaty Bill...9—Grand Jury of Criminal Court of District of Columbia, found a true bill against Ex-Secretary Belknap...P. N. Rubenstein, the condemned murderer of Sarah Alexander, died in prison...12—A battle between Turks and Herzegovinians this day and another on the 25th; Turks defeated in both, losing 700 in the first and 500 in the second...16—Green Clay Smith nominated for Presidency by Prohibitionists...18—Peter Cooper nominated for Presidency by Inflationists...20—Sir Edmund Brickett, Bart., manufacturer, declared bankrupt, liabilities \$2,500,000...22—Edwards Pierrepont appointed Minister to England; Alfonso Taft, Attorney-General; J. Donald Cameron, Secretary of War...29—Abdul Aziz, Sultan of Turkey, deposed and Murad Efendi declared successor...June—The Turks were defeated in encounters with the Herzegovinian insurgents on the 1st, 3d, 4th, 18th and 20th, losing in all 3,480 men...3-44,000 barrels of crude-petroleum oil were struck by lightning and burned at Oil City, Penn...4—Abdul Aziz committed suicide in Constantinople...A special train ran from Jersey City, N. J., to San Francisco.

In 53 hours, 34 minutes....**10-15**—Disastrous inundations in China, many thousands of Chinese drowned....**12**—Destructive inundations in Switzerland, many lives lost....**14-16**—Republican National Convention in Cincinnati, Rutherford B. Hayes nominated for President, Wm. A. Wheeler, Vice-President....**15**—Turkish Ministers of War and Foreign Affairs, and other persons, killed and some others wounded by an assassin named Hassin....**17**—Ben-H. Bristol, Secretary of Treasury, resigned....Hassin, the assassin, hanged....**20**—U. S. Treasurer, New, and Solicitor of the Treasury, Bluford Wilson, resigned....**21**—Lot M. Morrill, of Maine, appointed Secretary of Treasury....**22**—Turkish atrocities in Bulgaria; within three months reported from 18,000 to 30,000 persons murdered, women ravished, and 27 towns and villages plundered and destroyed....**25**—Gen. George A. Custer, his two brothers and 250 soldiers killed in a fight with the Sioux on the Little Horn River, Montana....**27-29**—Democratic National Convention met at St. Louis and nominated Samuel J. Tilden for President, and Thomas F. Hendricks for Vice-President....**29**—Albert M. Wynn, appointed U. S. Treasurer....**July 1**—Servia declared war against Turkey, and on the 3d, her army was defeated near Luicar, losing 2,000 men, and again, on the 6th, experienced another severe defeat, losing 1,300 men....**4**—Centennial Anniversary of American Independence: a vast concourse of people at Philadelphia, and a universal observance of the day throughout the United States....Terrible tornado in Central Iowa, 60 to 80 persons killed....**1**—Hon. D. D. Pratt, Commissioner of Internal Revenue, resigned....**11**—Marshall Jewell, Postmaster-General, resigned and gave place to James M. Tyner, of Ind., who was appointed on the 12th....**19**—At the College regatta, at Saratoga, Cornell University won all three of the races....**26**—The French Government's powder magazine at Toulouse exploded, with great loss of life....**29**—The Ex-Queen, Isabella, returned to Spain....**30**—The Turks were guilty of great atrocities in Bosnia, 3,000 Christians were massacred and all manner of outrages committed; their troops were defeated by the Servians and Montenegrins....**Aug. 1**—Colorado declared a State of the Union by President Grant....Gen. Belknap acquitted on the impeachment trial....**7**—Servians defeated by the Turks, losing 5,000 men....**14-15**—The Turks were defeated by the Montenegrins, losing 8,000 men, and the next day by the Servians, with great slaughter....**17**—Great famine in the northern provinces of China, thousands dying daily....Great outrages by the Turks in Bulgaria....**18**—On this date and the 19th and 23d, the Turks were repulsed and defeated by the Servians....**22**—the great Coal Combination was broken....**23**—N. Y. State Republican Convention held at Saratoga, E. D. Morgan nominated for Governor, Sherman S. Rogers Lieutenant-Governor....Severe fight between the Sioux and Gens. Terry and Crook, Indians defeated, but losses heavy....**30-N.Y.**—State Democratic Convention nominated Horatio Seymour for Governor, but he would not accept....Lieut.-Governor Dorsheimer renominated....**31**—Murad Efendi, Sultan of Turkey, deposed, and Abdul Hamid proclaimed his successor....**Sept. 4**—Servians defeated by the Turks....**6**—Wm. M. Tweed arrested at Vigo, Spain....Turks lost 1,800 men in a fight with the Montenegrins....**7-18**—Egyptian troops massacred in Abyssinia....**9**—Indian village captured and destroyed by Gen. Crook's troops....**13-N.Y.**—Democratic Convention reconvened and nominate Lincoln Robinson for Governor....**14**—International Rifle Match at Creedmoor, American Team victorious....**15**—Yellow fever raging at Savannah.

16—Gen. Crook destroys another Indian village....**17**—Fight between whites and blacks at Aiken, S. C....**24**—Hell Gate reef, in N. Y. harbor, successfully blown up; 50,000 pounds of dynamite and powder used....**24**—Statue of Seward in Madison Park, N. Y., unveiled....**28-30**—The Servians were twice and the Turks once defeated....**30**—Great hurricane in Porto Rico, many lives and much property lost....**Oct. 3**—Cyclone passed over Central America, many lives lost; \$5,000,000 property destroyed....**5**—E. A. Woodward, one of the Tammany King, arrested in Chicago....**7**—Montenegrins defeat the Turks; 830 Turks killed....**10**—State Elections held at Indiana, West Virginia, and Ohio; Democrats successful in first two and Republicans in the last....**12**—Monument to Christopher Columbus unveiled in Philadelphia....**10,000** Egyptians massacred by Abyssinians....Montenegrins defeat Turks and kill 1,500 of them....**17**—South Carolina declared in a state of insurrection....**21**—Turks evacuate Montenegro....**24**—Gen. Crook captured 480 lodges of Indians....**25**—Continental Life Insurance Company suspended....**28**—British Arctic Expedition, Capt. Nares, returned; they had penetrated to within 400 miles of the Pole....**29**—The Servian General Tchernayeff, defeated by the Turks....**31**—About 215,000 people perished

during a Cyclone in India; several thousand houses demolished....**Nov. 1**—Armistice signed between Turkey and Servia....**5-400** Cheyenne lodges surrendered to Gen. Miles....**7**—Day of Presidential Election; result uncertain....Lerdo de Tejado re-elected President of Mexico....**10**—Centennial Exhibition formally closed....**12**—Gold discoveries in the Black Hills....**15**—European Powers preparing for war....Germany refuses to take part in the Paris Exposition of 1878....**20**—The Younger Brothers plead guilty to the murder of Haywood, Cashier of Northfield (Maine) Bank....**22**—Chief Justice Iglesias revolts from President Lerdo, and declares himself Provisional President of Mexico....**23**—The Sultan abolishes Slavery in the Turkish Empire....Tweed arrives in New York from Vigo, and is imprisoned in Ludlow Street Jail....**26**—Russian loan of \$73,000,000 subscribed....South Carolina Canvasers imprisoned for contempt....Webster Statue unveiled in New York....**28**—Gen. Crook captures 100 Indian lodges....**29**—Great fire in Tokio, Japan; 5,000 houses destroyed; 50 lives lost....**Dec. 1**—Sale of the Centennial Buildings....**2**—Resignation of the French Ministry....**4**—Grecley monument unveiled in Greenwood Cemetery....**5**—Burning of the Brooklyn Theatre, about 300 lives lost....New Anglo-American Extradition Treaty negotiated....**6**—Remains of Baron de Palmi cremated at Washington, Pa....**7**—Lerdo flees from the Mexican Capital and General Po firio Diaz proclaims himself Provisional President....**8**—Severe gale and snow storm, from the Rocky Mountains to the Atlantic....**13**—Ice gorgo in the Mississippi, at St. Louis; many steamers crushed....**15**—Cenemorial congratulations received from the Mikado of Japan....**19**—Midhat Pasha appointed Grand Vizier....**25-26**—120 vessels lost on the Coast of Scotland by a gale....**26**—The Isthmus Canal Commission report in favor of the Nicaragua route....**29**—Terrible railroad disaster at Ashtabula, O.; Train breaks through a bridge, cars take fire, about 20 lives lost.

1877.

Jan. 1. Orders sent to U. S. troops on the Rio Grande to protect American citizens against Mexican outrag....Two legislatures organized in Louisiana....Terrific gale and many shipwrecks on the S. coast of England....Queen Victoria proclaimed Empress of India at Delhi....Rev. Dr. W. L. Breckinridge, Presbyterian, 73, died at Raymond, Mo....**2**—Turks attack Negotin in Servia; are repulsed with loss of 146 soldiers....**3**—Centennial celebration of the battle of Princeton....Terrible hurricane in Guipuzcoa, Spain....Gen. Diaz attacks and defeats Iglesias at Guanajuato....Railroad accident near Copenhagen, Denmark; 9 killed, 37 injured....**4**—Cornelius Vanderbilt died, aged 83, N. Y....Extradition treaty signed between U. S. and Spain; applies to all criminal offenses except political....Spain severs relations with Chinese government....**5**—Active war preparations in Russia....Active German officers forbidden to enter the Russian army....Steamship George Cromwell wrecked off Cape St. Mary, N. F.; all on board lost....**6**—Rev. Richard Cobbold, English author, died in London, 80....**7**—S. S. Amerique ashore at Seabright, N. J.; 3 of the crew lost....Duel between Bennett and May in Delaware; nobody hurt....Str. Montgomery sunk by collision of Cape May....**13**—Persons drowned....Gen. Miles defeats Crazy Horse's band at Wolf Mountain....Hermann Brockhaus, German Orientalist, died at Leipzig, Ger....**9**—The Russian fleet, with the Grand Dukes Alexis and Constantine, arrives off Charleston....**12**—Fall of 300 feet of the glassroot of Grand Central Depot, N. Y., from the weight of the snow....Earthquake in California....**13**—Ice gorgo on Ohio River; great loss of life and property; \$2,000,000 each at Pittsburgh and Cincinnati....**14**—Battle with the Indians near Elkhorn....**15**—The Great Powers submit their modified ultimatum to Turkey....American ship George Green, lost with all on board, on the English coast....**17**—Rear Admiral Joseph Smith, U. S. N., 83, died at Washington, D. C....Shower of serpents at Memphis, Tenn....Electoral riot at Montreal; sacking of Town Hall....News of dreadful famine in India; British Government estimate cost of relief at \$32,500,000....**18**—Crazy Horse captures a wagon train and kills 20 men west of the Missouri....Turkish Porte unanimously reject the ultimatum....**20**—Str. George Washington, N. Y., lost at St. Johns, N. F., lost near Cape Race; 29 persons drowned....**21**—Capt. Richard R. Locke, one of the Dartmoor prisoners and a veteran of 1812, died at Rye Beach, N. H....**20**—C. Lord, D. D., Presbyterian, 71, died at Buffalo....**23**—Fire in Bolton, Eng., colliery; 15 lives lost....**24**—300 people massacred in Calif., U. S. of Colombia, S.A....**25**—Memorial statue of Robert Burns unveiled at Glasgow....Guerillas attack Gen. Welles, of Santander, Spain, and are defeated with 400 killed and 600 wounded and prisoners....**27**—Memorial of

1,500 bankers and brokers, asking for repeal of all special taxes on National banks, presented to Congress...²³ Moody and Sankey meetings commence in Boston...Signor Blitz, p estidigiteur, dies at Philadelphia, ⁶⁷...²⁹ First meeting of National Sunday School Congress in Chicago...³¹ Electoral Commission (bill signed 28th) organized with five Senators, five Representatives, and five Supreme Court Judges. First Mexican installment (\$300,000) paid...^{Feb. 1} Keeper Custer, of Auburn State Prison, murdered by Win. Burr, a convict. Servia and Turkey agree upon a preliminary treaty of peace...⁵ A Spanish vessel board, d by pirates off North Guinea...Midhat Pasha deposed from Grand Viziership of Turkey; Edhem Pasha his successor...⁶ Burning of S. N. Bavaria, en route from N. O. to Limerick. Rev. W. M. Daily, D.D., LL.D., formerly President Louisiana State University, Methodist, ⁶⁸, died at N. Orleans. Outbreak among Apache Indians in Arizona...Rear Admiral James Alden, U. S. N., died at San Francisco...Col. J. O'Mahoney, Fenian leader, 57, N.Y. City...Bri. Str. Etelashore on Lundy Island, Wales, and ten persons drowned. The Electoral Commission by a vote of 8 to 7 decides n't to go behind the returns. Crazy Horse's band defeated by Gen. Miles, near Tongue River,...⁸ Henry B. Smith, D. D., LL. D., Professor Union Theological Seminary, Presbyterlan, ⁶¹, died in N. Y., Rear Admiral Chas. Wilkes, U. S. N., ⁷⁶, died Washington, D.C...Opening of English House of Parliament...¹⁰ Gunpowder explosion at Adher-nah, India, kills 50 and wounds 1,000 persons. R.R. Admiral Theodosius Bailey, U.S.N., ⁷⁴, died at Washington, D.C., ¹¹. Sir Win. Ferguson, President of Royal College of Surgeons, ⁶⁹, died in London...¹² Rinderpest spreading throughout Germany. New insurrection in Bosnia...¹³ New Stock Exchange organized in New York...¹⁴ Receiver appointed for New Jersey Central Railroad. Aime de Pichot, French writer, died in London...Gen. Changarnier, ⁸⁴, died in Paris, France...¹⁵ Attempt to assassinate Gov. Paekard, in New Orleans. Col. Gordon, African explorer, appointed governor of the Province of Soudan, Africa...Containine explosion at Graissessac, France, and 55 miners killed...¹⁶ L. D. Pillsbury confirmed as Supt. of N. Y. State prisons. Midhat Pasha arrives at Naples...¹⁷ Gen. Diaz elected P. es., and Ignacio Vallarte, Chief Justice of Mexico...¹⁸ Attempted assassination of the Archbishop of Mexico. Rear Admiral Chas. H. Davis, U. S. N., ⁷⁰, died at Washington, D.C...¹⁹ Judge H. W. Williams, a justice of the Supreme Court, died at Pittsburgh, Pa...²⁰ Rear Admiral Louis Goldsbrough, U. S. N., ⁷², died at Washington, D.C. Rinderpest at Hull, Eng...²¹ British bark Marie wrecked off west coast of Africa; 12 men lost. Boiler explosion at Middleton, Ohio, killing 4 and injuring 12 persons...²² Train thrown from railroad track near Lowell, Mass., by train wreckers. Str. Franconia wrecked off Point San Blas, Maj. Gen. Amos B. Eaton, Commissary Gen. U. S. A., died at New Haven, Conn...²⁴ Submarine volcanic eruption at Kalakuna Bay, Hawaiian Islands...²⁵ Furious storm on the coast of Long Island; several vessels and crews lost...²⁶ 229 Sioux Indians surrendered at the Cheyenne Agency...²⁷ Whaling Str. Spitzbergen, with 20 persons, lost near Bergen, Norway...Ex-Gov. Joseph Johnston, ⁹², died at Bridgeport, Va...The Electoral Commission decide all the doubtful States for Hayes and Wheeler by a vote of 8 to 7...^{March 1} Formidable mob dispersed in Charleston, S. C., Gov. Hayes leaves Columbus, Ohio, for Washington...The Miridites take up arms against Turkey, and besiege the Iuka fortress...The British Mediterranean squadron ordered to concentrate at Malta...² The electoral count completed, and Messrs. Hayes and Wheeler declared duly elected President and Vice-Pres. dent of the U. S...³ Joel T. Hart, sculptor, ⁶⁷, died at Florence, Italy...Chief Justice Waite administers the oath of office to Pres. Hayes...Diplomatic relations between Turkey and Servia restored...⁵ Bateman House at Kansas, Pa., burned; 6 persons perish. XLIVth Congress adjourns *sine die*. President Hayes and Vice-President Wheeler publicly inaugurated. Special session of Senate opened. Marquis de Compiegne, distinguished African traveler, killed in a duel at Cairo, Egypt...Austria concentrates troops on the frontiers of Dalmatia and Croatia...C. D. Compton, Marquis of Northampton, ⁶¹, died in London...⁶ Franklin J. Moses, Sr., Ch. Jus. Supreme Court of S. Carolina, ⁷², died in Columbia, S.C...Destructive fire in Bond street, N. Y. (Robbins & Appleton building); 1 ss, \$1,661,000. Joe Coburn, notorious pugilist, sent to Sing Sing for ten years...⁷ The President nominates his cabinet...Matilda A. Heron, actress, ⁴⁷, died in N. Y. Panic in the St. Francis Xavier Church, N. Y.; several persons killed...Ashtabula bridge de-clared by coroner's jury to have been unsafe, and Lake shore R. R. Co. censured...⁸ Explosion in Worcester, Eng., coal mine and death of a large number of miners...⁹ Montenegro and Turkey cannot agree upon a peace basis...¹⁰ Tenement house in New York burned with three inmates. Cabinet nominations confirmed...Senator Simon Cameron resigned. Rev. E. O. Hovey, Professor of Chemistry and Geology, ⁷⁶, died at Crawfordville, Ind...¹¹ 250 Communists (convicts) pardoned in France...¹³ Chas. Cowden Clark, Eng. author, ⁹¹, died at Genoa, Ita. y. Mine Octavia Le Vert, authoress, ⁶⁷, died at Augusta, Ga...Henry M. Stanley announced the survey of Lake Tanganyika...¹⁴ Six Chinamen murdered in Chico, Butler Co., Cal., by a gang of white ruffians. The Khedive presents Cleopatra's needle to Great Britain...Fred. Douglass appointed United States Marshal for the District of Columbia...¹⁵ Diaz recognized as President of Mexico by U. S. Stephen S. Jones, editor, Chicago, shotdead in his office by Dr. W. C. Drake...¹⁷ U. S. Senate adjourns. Six hours fight between Bosnians and Turks near Orezgona...¹⁸ Str. Russell land from Antwerp for New York, went a hole at Long Branch, Iglesias, late President of Mexico, but deposed by the Diaz revolution, issued a proclamation from New Orleans. England demanded a modification of the Russian protocol. Sir Edward Belcher, Rear Admiral, commander of an expedition in search of Sir John Franklin, ⁷⁸, died in London...¹⁹ Ex-Gov. Emory Washburne, of Mass., ⁷⁷, died at Cambridge, Mass. J. Donald Cameron, late secretary of Treasury, elected U. S. Senator from Penn...Saigo begins a formidable rebellion in Japan...²⁰ Congress appropriates \$200,000 to complete the Washington Monument...²¹ Leipzig fixed upon as the seat of the Imperial Court of Germany. Death of Prince Charles of Hesse Darmstadt. President Hayes' cabinet decide upon a Louisiana Commission...²² Labor crisis in Germany...²³ Jno. D. Lee, one of the Mormon murderers at the Mountain Meadow massacre, was executed there; his confession implicates many leading Mormons...²⁴ Village of Madrid, St. Lawrence Co., N. Y., almost destroyed by fire...²⁶ Walter Bassett, publicist, died in London...Prof. Jno. S. Hart, teacher and author, ⁶⁷, died in Phila...²⁷ Dam of the Staffordville, Conn., reservoir gives way; two persons drowned; \$1,000,000 loss. One editor kills another in Topeka, Kansas...Sir F. J. Fitzgerald Field Marshal British Army, ⁹¹, died in Tours, France...²⁸ Prince Antoine Bonaparte, nephew of Napoleon I, died in Florence, Italy...²⁹ Mexican authorities imprison U. S. Consul Sutton...³⁰ Revoltin Pashalik of Diarbekir, Armenia...General Charle... presents Cardinal Sieneoni with an album containing the signatures of over 20,000 volunteers, who are ready to fight for the temporal power of the Pope...³¹ The Cabinet decides to withdraw the U. S. troops from South Carolina. Russia amended protocol, incorporating England's suggestions, accepted by the powers...^{April 2} First telephone concert at Steinway Hall, N. Y. City. Bismarck tenders his resignation as Chancellor of Germany...³ Capt. Fred'k Lahrbush, formerly of British Army, ¹¹¹, died in N. Y. City...⁴ Prospects of war in the Eastincreasing; Russia determined to fight...⁵ Orville D. Jewett kills his uncle and himself by exploding a hand-grenade in his store in Front st., N. Y....⁶ The Louisiana Commission commences its session at New Orleans. Insurgent Gen. Trujillo defeats conservative forces in U. S. of Colombia, S. A., and the State of Antioquia is surrendered to him...⁸ Rev. Frederick A. Muhlenberg, D.D., an eminent philanthropist and founder of St. Luke's Hospital, and St. John's Land, ⁸⁰, died in New York; and John Conant, also a philanthropist, ⁸⁷, died at Jaffray, N.H....¹⁰ U. S. troops withdrawn from the State House in Columbia, S.C.; Gov. Chamberlin gives up the contest...¹¹ Southern Hotel in St. Louis burned, and 10 lives lost. Prof. Smith, of Rochester, discovers a new comet near Cassiopeia...Ross Winans, an eminent inventor, ⁸⁰, died at Baltimore, Md...¹² Joseph, chief of N. Z. Perces, in Oregon, declines to go on the Lapwai reservation. Russian troops move toward the Romanian frontier...¹³ S. S. Leo, Savannah to Nassau, burned at sea; 3 passengers and 18 of crew lost. Darien exploring expedition returns to Panama...¹⁴ Lorenzo Sabine, ex-M.C. and author, ⁷⁵, died at Boston, Mass., 1,000 Indians, Roman Nose's band, with their chieftain, surrendered to Gen. Crook at Spotted Tail Agency...Turkey rejects the terms of the protocol of the Great Powers; panic on the Vienna Bourse...¹⁵ Grand Duke Nicholas reviews Russian army of the Pruth...¹⁷ Japanese insurgents defeated and put to flight...50,000 people in London make a demonstration in favor of Tichborne claimant. Russia and Turkey making

energetic preparations for war. Tweed delivers a statement to the Attorney General....18. The Murphy temperance movement spreading throughout Pennsylvania and Ohio. An insurrection breaks out in Spain....19. The Louisiana Commission reports in favor of Nicholls for Governor, and his Legislature....20. Twelve oil wells and tanks destroyed by lightning in Butler Co., Pa. The Roman government determines to dissolve all Republican and International Associations in Italy....21. Eight lodges of Cheyennes comprising 550 persons—85 fighting men, surrender to Gen. Crook. Brig Roanoke, Wylie, Philadelphia to Porto Cabello, lost at sea; 11 persons drowned. Emperor of Russia arrives at Kischeneff. Revolt in Paraguay; a brother of the President assassinated, and the conspirators routed....22. Russia declares war against Turkey. Jassy (in Roumania) occupied by Russian troops; the Montenegrins occupy Kistar. Russians cross the Pruth at three points....24. Withdrawal of U. S. troops from Louisiana State House. End of the Packard government....26. Atrocious murder of Judge Chisholm, his son and daughter and Mrs. Gilmer, by a mob in De Kalb, Kemper Co., Miss. First battle of the war near Batoum, on the Black Sea; Russians lose 800....20. Str. Sidonian, Glasgow to N. Y., explodes a boiler, 7 killed. Montreal Novelty Works burned; 9 killed, 10 injured. Battle before Kars. Russians under Melikoff defeat Monkhtar Pasha, Ex-Senator and Gov. Wm. G. Brownlow (Person Brownlow), 72, died at Knoxville, Tenn....31. Roumanians, Montenegrins and Herzegovinians join Russia against Turkey....May 1. Queen Victoria issues a proclamation of neutrality in the Eastern war. Part of the roof of the N. Y. post office falls, killing 4 men....2. Diaz was elected President by the Mexican Congress. Russian troops capture Bayazid in Armenia. Montenegrins hold the Duga Pass, blockading Goransko and Niesies. The Press law of 1865 suspended at Constantinople. Col. John Forsythe, editor, 66, died at Mobile....3. Great land slide in Canada on banks of river Veille....5 persons killed. The Porte issues a circular denouncing Roumania's treachery....4. Rev. Mr. Miller suspended for heresy by New Jersey Synod. Turkish monitors bombard Reni. President Hayes calls an extra Congressional session for Oct. 15....5. Spanish government offer amnesty and pardon to all Cuban insurgents who will lay down their arms....6. Crazy Horse and his band of 900 Sioux surrender. Russians bombard Kars....7. King of Abyssinia declares war against the Khedive of Egypt. Transvaal Republic, South Africa, annexed to British Empire....8. Expiration of sewing machine patents. Postal convention with Italy signed by President. Turkis-h monitors bombard Russian batteries at Ibrail, and with the fortress at Widin, bombard Kala-fat also. Cossacks cross the Danube....9. Explosion in Wadesville mine, St. Clair, Pa., killing 7 and wounding 2. A fanatical outbreak in the Tchelohantse country, in consequence of the Turkish war, put down by the Russians; 100 killed, 250 wounded....Commodore B. S. Totten, U. S. N., 71, died at New Bedford, Mass....10. Opening of permanent exhibition at Philadelphia by President Hayes. Iquique and 15 other towns and villages in Peru partly or wholly destroyed by an earthquake; 100 lives and 20 millions of property lost. Rev. F. X. Schenck, founder of the Redemptionist order in America, 68, died in Baltimore....11. Prof. Taylor Lewis, LL.D., 75, died at Schenectady, N. Y. Walls of an unfinisched court-house at Rockford, Ill., fell, killing 10 workmen. Turkish iron-clad sunk by Russian masked batteries near Ibrail. Russians defeated at Batoum with heavy loss, in an 8 hours battle....12. Japanese Empire admitted to Postal Union from June 1....13. Diaz recognized by Germany. L.J.E. Picard, French statesman, 56, died in Paris....14. Poisoning of miners at Streator, Ill. Burning of villages of Clinton Mills, Edinburgh and Forest in northern N. Y....Six Turkish iron-clads bombard Sukum Katch, but are defeated. President Hayes attends the banquet of the Chamber of Commerce....15. Unveiling of statue of Fitz Greene Hallock at Central Park, N. Y....Five-foot tidal wave in Lake Erie. The Miridores drive the Turks from Oroschi. Mexican authorities at Acapulco apologise for imprisoning Consul Sutton, and salute his flag....16. Th. L. Legislature of Illinois attempts to make silver coin a legal tender for all debts in the State. Commodore E. W. Carpenter, U. S. N., 60, died at Shrewsbury, N. J. Crisis in the French cabinet. Destructive forest fires in Michigan. Tornado at Fulton, Mo., destroys two buildings and part of railroad depot....17. Dedication of revolutionary monument on Dorchester Heights, Mass....Ex-President Grant sails for Europe in the Str. Indiana. Ardahan with 22 cannon captured by the Russians. Terrible famine in Shan-tung and Chih-li provinces, China....19. Convention at Deadwood, Dakota, to take steps for organizing the new territory of Lincoln. Prince Cassan, the Khedive's son, left for Constantinople with 6,000 Egyptians....Ex-Gov. Kent of Maine, 75, died at Bangor, Me....Count H. de Tocqueville, life Senator, died in Paris, France....21. Roumania declares her independence and proclaims war against Turkey....22. Accident at launch of S.S. Saratoga, at Chester, Pa.; men crushed to death and 2 injured. Sir M. D. Wyatt, architect, died in London....23. Ship burned by Russians at Adler, bombarded by Turks; Forts Tahmaz and Kara Dagh, outworks of Kars, bombarded by Russians....23. W. H. Hosmer, poet, died in Avon, N. Y....Don Carlos leaves France for Linz, Austria....Russians repulsed at Batoum....24. Religious war proclaimed in Bosnia. Ten Broeck, at Louisville races, makes the fastest one mile on record—time, 1:39 1/2....25. Gen. and Mrs. Grant arrive at Queenstown. The Russians blow up a large monitor on the Danube with torpedoes....28. Lieut. Lawton leaves Red Cloud Agency for the Indian territory with 972 Cheyennes and Arapahoes. The Russians carry Sameba Heights....29. The Turks defeat the Russians near Kutari....29. Fletcher Harper, last survivor of the original Harper Brothers, 71, died in N. Y....John Lothrop Motley, historian, and diplomatist, 62, died in London....31. Mourkhtar Pasha dismissed and disgraced....June 1. Gen. Ord instructed to follow marauding parties of Mexicans across the Rio Grande....Gcu. Grant given a reception by the Prince of Wales at Marlboro House, London....2. Fire caused by lightning near Millerton, Pa.; \$85,000 worth of petroleum destroyed....3. Fiftieth anniversary of the consecration of Pius IX as a bishop observed at Rome. Sophia Frederica Matilda, Queen of Holland, 59, died at the Hague, Holland....Mrs. Elizabeth F. Ellet, authoress, 59, died in N. Y....4. Tornado visits Mt. Carmel, Ill.; 11 persons killed and many injured. Waterspout does great damage in Iowa, N. W. of Burlington....5. Over 15,000 million feet of standing pine timber destroyed by forest fires in Michigan and Wisconsin. A Greek patriarch, in a pastoral letter, counsels loyalty to Turkey....The Czar arrives at the front....6. A bridge falls at Bath, Eng., and nearly 200 persons thrown into the Avon; 12 killed and 50 injured....7. Cleopatra's needle, destined for England, exhumed....8. A hat shop burned at Bridgeport, Conn.; 11 men killed by falling walls....Destructive fire in Galveston, Texas; \$1,500,000 of property destroyed....New levy of 218,000 men ordered in Russia....The Turks try to force the Duga Pass in Montenegro and lose 4,000 men....9. Fast passenger traffic inaugurated by the Pennsylvania and connecting Western roads....Persia applies for admission into the Postal Union....12. Collision on Balt. & Ohio R.R. near Point of Rocks; 6 persons killed....13. Corner stone of a Soldier's Home laid at Bath, N. Y....Mustapha Tewfic Pasha appointed commander at Kars. Suleiman Pasha, after a bloody battle, forces the Duga Pass and advances on Niesies....Ludwig III, Grand Duke of Hesse-Darmstadt, dies at Darmstadt....14. Prince Louis of Hesse, under the title of Ludwig IV, becomes Grand Duke. Russians repulsed before Kars after three days' fighting. Covered bridge over Connecticut river at Badley, Mass., blown down....Celebration in Boston of the 100th anniversary of the adoption of our present national flag....A dam bursts near Belvidere, N. J., killing 6 persons....Gen. C. F. Henningson, 62, died at Washington....14. Bancroft Davis resigns as minister to Germany....15. Rt. Hon. Sir George Mellish, Lord Justice of Appeal, died in London. Mary Carpenter, authoress, died in Bristol....Lady Maxwell (Hon. Mrs. Norton), 70, London....16. Severe battle between Turks and Montenegrins at Rasnogli-vika; Turks defeated with a loss of 2,000 dead and wounded....James Russell Lowell accepts the mission to Spain....17. Str. Lizzie burned in the Gulf of Mex. 3 lives lost. Rev. John S. C. Abbott, author, 71, died in New Haven, Conn....19. Mourkhtar Pasha's right wing defeated....20. Three-fourths of St. John's, New Brunswick, destroyed by fire; 30 persons killed....Chas. F. Briggs, author and journalist, 67, died in Brooklyn, N. Y....Admiral Rous, 82, died in London....C. H. Upton, U. S. Consul at Geneva, Switz., died there....21. Ten "Mollie Maguires" hung—six at Pottsville and four at Mauch Chunk. Judge Hilton excludes Jews from the Grand Union Hotel, Saratoga....22. President Hayes issues an order prohibiting office-holders from taking an active part in politics. Iowa Republican Convention refuses to endorse the President's Southern policy....Commodore John W. Goldsborough, U. S. N., 69, died in Philadelphia, Pa....22. The Turks march on Cetinje, capital of Montenegro, having effected a junction after six days fighting....23. Large fire at Marblehead, Mass., 72 buildings destroyed....President McMahon pardoned 844 Communists....Queen

Victoria received Gen. Grant at Windsor Castle... Robert Dale Owen, author, died at Peers Point, Lake George....²⁶ Harvard defeats Columbia in an eight-oar boat race at Springfield, Mass....²⁸ Monument in honor of the defenders of Fort Moultrie in 1776, unveiled in Charleston, S. C.... A revolution breaks out at Puerto Plata, San Domingo.... Giovanni Santini, Italian professor of Astronomy, died at Padua, Italy.... July 1. The celebrated trotting mare, Lady Thorne, died.... General reduction of wages on railroads; fears of strikers.... Battle at Sistova. The Turks victorious....² Fight between Col. Whipple's command and Indians near Clearwater River, Idaho. The Pan-Presbyterian Council began its session in Edinburgh, Scotland. President Mac-Mahon called on the army to sustain him through the crisis....³ The British Mediterranean fleet arrived in Besika Bay.... Inundations in the province of Murica, Spain; 22 persons drowned....⁴ Capt. J. A. Webster, senior officer in U. S. Revenue Service, died in Baltimore, Md....⁵ The Turks driven out of Montenegro.... Louisiana Returning Board members tried on charge of forgery....⁶ Gen. Grant arrives at Brussels. 120,000 Russians cross the Danube.... Russian campaign in Armenia a failure.... F. W. Hacklander, traveler and author, died in Munich....⁷ U. S. troops cross the Rio Grande in pursuit of Mexican marauders.... Destructive storm in Pewaukee, Wis.; almost the whole town leveled; 6 persons killed.... Russians capture Tirovaya, capital of Bulgaria.... Khedive of Egypt offers a fleet to the Porte....⁸ Russians forced to withdraw from Kars, with heavy loss....⁹ Hurricane at Springfield, Mass.... Export of horses from Germany prohibited.... Prof. Sanborn Tenney, of Williams College, 52, died in Buchanan, O....¹⁰ Chief Joseph's Nez Perces kill 31 Chinamen in Idaho....¹¹ Six miners killed in a mine explosion at Wheatland, Pa.... Fight between U. S. troops and Nez Perces at Cottonwood.... Capt., Lieut. and 13 men killed; 13 Indians killed.... Meeting of Georgia Const. Convention....¹² Attack on Orangemen in Montreal, 1 killed, 4 wounded.... Russians routed and driven from Pleivna.... Gen. Grant in Germany.... Gen. Sir Geo. Bell, K.C.B., died in London....¹³ Baron W. E. von Ketteler, Bishop of Mayence, died there....¹⁴ Boiler explosion at MacMurray, Pa., 3 men killed....¹⁵ British Ste. Etion wrecked off the coast of Chili, and over 400 lost....¹⁶ Great railroad strike on Balt. & Ohio R.R. \$68,000,000 subscribed to date of the U. S. 4 percent loan.... The Russians capture Nikopolis on the Danube....¹⁷ Strike continues on Balt. & Ohio R.R. The whole line blocked.... Ex-Gov. Tilden and Hon. J. Bigelow, Sec. of State of N. Y., sail for Europe....¹⁸ Gov. Matthews, of W. Virginia, calls for government aid to suppress the riot; 250 regulars sent....¹⁹ The strikes become general over all the roads managed by the Balt. & Ohio and Penn. Central.... Suleiman Pasha appointed commander of the army of Roumelia.... Hon. D. A. Lapham, author and scientist, 68, died at Milwaukee, Wis....²⁰ to 26 The strikes become general on most of the trunk roads, though very slight on New York Central....²¹ Terrible riot and conflagration at Pittsburgh, Pa., more than \$3,000,000 of property destroyed.... Collision between State troops and rioters; many killed and wounded.... Pittsburgh rioters surrender on 2d.... Riotous demonstrations against Chinese in San Francisco.... On the 25th riots in Chicago, Louisville and St. Louis; many killed and wounded....²² Another riot in Chicago; 21 killed and many wounded.... Bloody riot in Reading, Pa....²³ Affairs quieting in all quarters.... N. Y. militia ordered to their homes....²⁴ All trunk roads open again, but great disorder in the coal regions.... Forces, 20 to 29. Russians attack Osman Pasha, but are repulsed with heavy loss.... Suleiman Pasha is defeated by Russians at Karabunar.... The Russians destroy six railroad bridges on the Danube.... Montenegrins bombard Niesics.... On the 29th the Czarowitch's forces defeated the Turks near Rustchuk, taking 8,000 prisoners, 31 guns and 10 standards.... On the 24th Escobedo, the Mexican insurgent general, was arrested.... On the 26th eight men were killed by a boiler explosion near Tunstall, Eng....²⁰ Centennial anniversary of the adoption of the New York constitution celebrated at Kingston.... The Russians were defeated near Pleivna.... Gen. Gourka won a victory over the Turks at Yeni Sagra, Roumania.... On the 25th George W. Matsell, ex-police superintendent and commissioner, died in New York.... On the 26th Prof. Isaac W. Jackson, M.D., of Union College, 72, died at Schenectady, N. Y.... On the 29th George Ward Hunt, 1st Lord of the Admiralty of Great Britain, died in Hamburg.... On the 30th Commodore J. W. Swift, U.S.N., died at Geneva, N. Y., and same day Samuel Warren, an eminent English author, died in London....³¹ W. H. Vanderbilt ordered \$100,000 to be distributed ratably among the employees of the N. Y. Central who had not been in the strike.... August 1. Gov. Robinson pardons young Walworth, the paricide.... Riot at Scranton Pa., Schr. Florence or Howgate's expedition, sailed for the North Pole....² The town of Concejo, Panama, burned....³ Wm. B. Ogden, first mayor of Chicago, 71, died at Fordham Heights, N. Y.... Box factory in Cincinnati burned; several girls burnt to death.... Great fire at East Saginaw, Mich.; \$200,000 destroyed....⁴ Poorhouse at Simcoe burned; 17 inmates perished.... Field Marshal Von Steinmetz, 71, died at Landek, Silesia....⁵ Eaton, Wis., burned; several lives lost.... Russians defeated south of the Balkans....⁶ Centennial celebration of battle of Oriskany....⁷ General order prohibiting the sale of arms and ammunition to Indians. Repulse of Russians at Lovatz....⁸ Riots at Belfast, Ireland.... Gen. Grant in Switzerland....⁹ Gen. Gibbon fights the Nez Perces in Montana, a drawn battle.... A train fell through a drawbridge at Ocean port, N. J.; 60 persons injured.... Dr. A. B. Crosby, professor in Bellevue Med. College, 45, died at Hanover, N. H....¹⁰ Political troubles increasing in France; many Republican papers there suspended....¹¹ Mexican outrages on the Rio Grande; Mexicans cross the river, murder Judge Cox and another man, release Mexican murderers from jail and escape across the river.... Channeey Rose, an eminent philanthropist, died in Terre Haute, Ind....¹² The struggle between the Russians and Suleiman Pasha for Shirkia Pass commenced.... Wm. Longman, London publisher, 78, died in London....¹³ Rev. Asa D. Smith, D.D., LL.D., president of Dartmouth College, died at Hanover, N. H.... Prof. Asaph Hall discovers two satellites of Mars.... Centennial celebration of the battle of Bennington attended by more than 60,000 people....¹⁴ Gayville, Dakota, almost entirely destroyed by fire, 20 buildings consumed, loss \$60,000....¹⁵ Monkhtar Pasha repulses a Russian attack....¹⁶ Consolidation of Western Union and Atlantic and Pacific Telegraph Companies.... Great strike in Pennsylvania coal regions, 50,000 men out....¹⁷ Meeting of National Board of Trade at Milwaukee, Wis....¹⁸ Insurrection in Crete.... Another revolt in Bosnia....¹⁹ and²⁰ Sharp and continuous fighting in Shirkia Pass. The Russians gain and hold some important positions.... The Turks capture Kiziltope, but are defeated at Kuruk Dara....²¹ Dr. H. Draper and Prof. C. S. Holden discover a third satellite of Mars.... Hon. E. P. Noyes, Minister to France, reaches Paris....²² The Knights Templars of the U. S. hold their 20th triennial conclave at Cleveland, Ohio.... Strike ended in the Lehigh Valley coal region.... Senor Costello and his son, leading Cuban insurgents, surrender to the Spanish authorities....²³ Conference of State Governors at Philadelphia.... Ben De Bar, actor, 61, died at St. Louis, Mo....²⁴ Railroad accident near Des Moines, 20 persons killed.... Brigham Young, the Mormon prophet and chief, 73, died at Salt Lake City, Utah....²⁵ Monument to John Brown of Osawatomie, Kansas, dedicated, in presence of 10,000 people.... Raphael Semmes, ex-commander of the Confederate cruiser Alabama, 68, died at Point Clear, Ala.... The village of Karahusenilar captured by the Turks after a severe battle. Turkish loss 3,000 killed and wounded; Russian loss 4,000.... Russians defeated on the Lom, Popkoi abandoned, and the Russian position completely turned....²⁶ Fire at Paris, Texas, 10 business blocks destroyed, loss \$250,000.... Osman Pasha gains a signal victory at Pleivna.... September 1. Tornado at Maysville, Ky.... Meeting of Am. Association for Advancement of Science at Nashville, Tenn.... Alvan Adams, founder of Adams Express Co., 73, died at Watertown, Mass.... E. L. Davenport, actor, 61, died at Canton, Pa....²⁷ Insurrection in China among interior tribes....²⁸ Louis Adolphe Thiers, ex-president of France, 80, died in Paris, France.... Hale's piano factory, N. Y., burned and several persons killed.... A house in Cincinnati undermined and falls, killing 4 women....²⁹ "Crazy Horse" arrested at Spotted Tail Agency for attempting to induce the Indians to go to war.... Russians capture Lovatz after 12 hours fighting....³⁰ "Crazy Horse" is killed while trying to escape from the guard house at Camp Robinson....³¹ President Hayes and party leave Washington for a visit to Ohio and other States....³² Rev. Edwin Hall, D.D., professor of Theology at Auburn, died there.... The Catholic Bishop, Amedeus, died at St. Albans, Vt....³³ Niesics surrenders to the Montenegrins.... The death-toll from famine in Madras, India, reported to be about one million....³⁴ Yellow fever appears at Ferdinandina, Fla....³⁵ The rishships Avalanche and Foster collide off Portland, Me., 104 persons drowned.... Gambetta sentenced to fine and imprisonment for a political speech, but the case appealed and the sentence never carried out.... The Russians again repulse at Pleivna with terrible

loss .Herculano de Carvalho, Portuguese historian, 67, died at Lisbon....¹⁴ Rev. Benjamin Schneider, an eminent missionary to Turkey, died in Boston, Mass....¹⁵ The American rifle team win the international at Creedmoor. Four persons murdered by Chinamen near Rockton, Placer county, California. Constantine Kanaris, prime minister of the Kingdom of Greece, 86, died at Athens, Greece....¹⁷ The Presidential party cordially received at Louisville, Ky., Chinese quarters at Grass Valley, Cal., burned. Soldiers' and Sailors' monument at Boston dedicated. Queen Pomare, of the Society Islands, died there....¹⁸ Eastern bound express train on Union Pacific R. R. robbed by thirteen men at Big Springs, Neb.; \$78,000 taken....¹⁹ H. M. Stanley, the African traveller, reaches St. Paul de Loanda (west coast of Africa), having crossed the Continent and traced the Congo or Livingstone river from its source to the sea....¹⁹ Centennial celebration of the battle of Benis Heights....²⁰ Louis V. Bozy, U. S. Senator from Missouri, 64, died at St. Louis, Mo....²¹ Collision on N. Y. Central R.R. near Rome, N. Y., three killed and several wounded. Str. Olga sails from Alexandria, Egypt, towing the caisson containing the obelisk. Great battle of Biela, in which the Russians are defeated, losing 4,000 killed, 8,000 wounded....²² W. H. Fox Talbot, the father of photography, 77, died in London, Eng....²³ The famine in India subsiding, heavy rains having fallen in many of the districts....Urbain J. J. Leverrier, astronomer, 66, died in Paris....²⁴ Patent Office at Washington partially burned. President Hayes in Va., Japanse se insurgents leader slain and rebellion ended. A hurricane in Curacao, W. I., destroying two million of property and many lives. Yellow fever raging at Vera Cruz; 140 deaths in August....²⁵ The Montenegrins capture Goransko, Pina and Fort Grivica, and Vum Belek and surround ding villages....²⁶ Lieut. Bullis crosses the Rio Grande in pursuit of Mexican raiders. Commodore J. M. Fraily, U. S. N. S. 6, died in Philadelphia, Pa....²⁸ Conference at Washington of Sioux Indians with the President....²⁹ Osman Pasha again defeats the Russians at Pleyna. Henry Meiggs, the great South American railroad contractor, 66, died in Peru....³⁰ Village of Putuwan, Conn., nearly destroyed by fire. Wm. C. Gilman, a well known business man in New York, detected in forgery and swindling to the extent of \$239,000. Unsuccesful attempt at revolution in Hayti. Russians defeat 4,000 Daghestan insurgents....October 1. Sioux delegates at Washington consent to removal to the new reservation recommended by the President. Heavy but indecisive battle in Asia Minor between Russians and the Turks under Moukhitar Pasha....² The Sultan confers the title of Ghazi (conqueror) upon Osman Pasha and Moukhitar Pasha. Woman suffrage proposition defeated in Colorado. Lewis Lillie, inventor and manufacturer of sates, died at Elizabeth, N. J....³ Car shops of New York Dry Dock R.R. Co. burned, loss \$200,000. Boiler explosion at Sheddertown, Ohio, three men killed and several others fatally injured. Spanish troops defeat 2,000 insurgents on the Looloo Islands. Railroad accident between Worensh and Norstoff on the Don; 40 Abchasiian prisoners killed....J. R. Bayley, D.D., Roman Catholic Archbishop of Baltimore, 63, died in Newark, N. J....Mme. Teresa Titjens, prima donna, 43, died in London....⁴ Centennial of battle of Germantown, Pa. Severe cyclone, doing great damage, along the S. and E. Atlantic coast. Excursion train wrecked near Phoenixville, Pa.; 12 killed and a number injured....⁵ Col. Miles captures Chief Joseph and the Nez Perces after a three days' battle....⁶ Great number of Cuban insurgents surrender....Wm. Gale walks 1,500 miles in 1,000 consecutive hours, beginning Aug. 26....⁷ Senator L. O. Bordeau died in Paris, France....⁸ First suit under the timber depreciation laws, in Minnesota, is decided for the government....Severe earthquake at Geneva, Switzerland....¹¹ Explosion in a colliery at Pemberton, Eng., 40 killed. Spanish government lays \$50,000 indemnity to Minister Lowell for losses by American citizens in Cuba....¹² Wm. C. Gilman (referred to in Sept.) surrenders himself and is sent to State prison for five y. ars....¹⁴ The "Cleopatra's needle" encounters a heavy storm en route to Eng. and is abandoned off Cape Finisterre; it subsequently picked up and taken to Ferrol, Spain. Republicans gain an overwhelming victory in the French elections....¹⁵ Prot. Peters of Clinton, N. Y., discovers a new planet of the eleventh magnitude. Extra session of Congress opened at Washington; Samuel J. Randa chosen speaker of the Hou-e. Antonio Scialoja, eminent Italian lawyer and publicist, dies at Rome....¹⁶ 4,000 N. Y. cigar makers on a strike. Theodore Barriere, dramatic author, died in Paris. Geo. Hadley, M.D., Prot. of Chemistry, 64, died in Buffalo....¹⁷ Centennial celebration of surrender of Burgoyne at Schuyler-ville, N. Y....¹⁹ Heavy fighting at Kars....²⁰ Fire in Portland, N. B.; 25 buildings burned; 2,500 persons homeless....²² Colliery explosion at High Blantyre, Scotland; 200 lives lost....²³ Commission interviewed sitting Bull at Fort Walsh, Canada, but were unsuccessful....²⁴ George L. Fox, pantomimist, 22, died at Cambridge, Mass.. Prof. Jas. Orton, of Vassar College, scientist, 47, died in Bolivia; S. America....²⁵ The Turks repulse the Russians at Phrygios....²⁶ Ismail Pasha effects a junction with Moukhitar Pasha. Ku Klux outrages in Clark Co., Ohio; 91 deaths from yellow fever in Fernandina to date....²⁸ Edwin Adams, actor, 42, died in Philadelphia, Pa.. Julia Kavanagh, novelist, 53, died in Nice, Italy. Joseph Durham, sculptor, died in London....²⁹ N. B. Forrest, ex-Confederate general, 56, died in Memphis, Tenn. Meeting of National Liberal League at Rochester. E. W. Stoughton nominated as Minister to Russia....³⁰ John Walsh nominated Minister to England. Goldsmith Maid, famous trotting mare, 21 years old, withdrawn from the turf.... November 1. Collision between freight and express trains on Philadelphia and Erie R. R.; 5 men were killed....Wm. Gale, pedestrian, London, completed 4,000 quarter miles in 4,000 consecutive periods of 10 minutes each, beginning October 20....President McMahon gives a dinner to Gen. Grant at Elysee, Paris....Oliver P. Morton, U. S. Senator from Indiana, and former Governor, 54, died at Indianapolis....Field Marshal Frederick Von Wrangel, 93, died in Berlin, Prussia....² Chief Justice, W. R. Crapo, C. B., 77, died in Toronto, Canada....⁴ Earthquake shock throughout northern New York, New England, and the Eastern British Provinces at 2 A.M....⁵ Bland Silver bill passed the House....⁶ Elections held in 12 States....Gustav Brion, French painter, died in Paris....Heavy battle near Erzerum; Russians repulsed....⁷ Amelia, dowager Queen of Saxony, died in Dresden....⁹ Insurgents in San Domingo increasing in numbers. Alarm at the Capitol....¹⁰ Schooner Magellan wrecked on Lake Michigan; 8 lives lost....Forty of Ex-Sultan Murad's servants strangled, for aiding in a conspiracy to reinstate him....Martin Paine, M.D., LL.D., professor, &c., 83, died in New York City....¹¹ Riot in El Paso County, Texas....¹² Suit commenced by Cornelius J. Vanderbilt and his sister Mrs. LaBar, to break his father's will....Prot. Watson of Michigan University discovers a planet of the 11th magnitude....Great Storm on the British Coast; loss \$1,200,000....F. Blodgett, Ex-Governor of Georgia, died at Atlanta, Ga....Passage of the Army appropriation bill by the House....¹³ Henry Peters Gray, artist, 58, died in New York City....¹⁴ Burning of Fie d', Leiter & Co.'s dry goods house, Chicago; loss, \$250,000....Billiard match for the world's championship, Saxon beats Cyrille Dion....Trans-Pacific Cable Company, organized to lay a cable from California to Japan, via Honolulu, Capital stock, \$10,000,000....¹⁵ Exploration of fire-damp in Jermyn Colliery, near Scranton, Pa., a number killed and injured....Earthquake shocks in Iowa, Nebraska, and in the N. W. generally, and S. to Tennessee....Army appropriation bill amended and passed by Senate....¹⁶ Pierre Lanfrey, Republican Senator of France, died at Versailles....¹⁸ Russians capture Kars by a brilliant night assault....¹⁹ Port Edward Institute burned....²⁰ Julius Kircher of New York, cremates his dead infant....²¹ The Roumanians after a three days battle, capture Rahov....John V. L. Pruyin, LL.D., Chancellor of Board of Regents of University of State of New York, died at Albany, N. Y....²³ Steamship Alabama, lost on Coast of South America; 70 drowned....Diaz orders Trevino with 2,500 troops to the Rio Grande, to repel invasion by U. S. troops....Canadian Fisheries commissioners, one dissenting, decide that the U. S. shall pay Great Britain \$5,000,000 for fishing in Canadian waters....²⁴ The revolution in Ecuador collapses....U. S. Steamer Iluron wrecked at Kitty Hawk, N. C.; 100 lives lost....²⁶ All night session of U. S. Senate....²⁷ Steamer C. H. Northam burned in N. Y. Harbor, three lives lost....²⁷ Twenty colored people drowned and 20 horses swept away by a flood at Buckingham, Va....²⁹ Workingmen's demonstration against the Chinese in San Francisco; Kearny comes to the front....The insurrection in San Domingo spreads over the entire country....³⁰ The Senats pass the Paris Exposition bill....Thirty mile Oil Pipe between Great Bend and Pittsburgh, Pa. completed....Commodore C. N. B. Caldwell, U. S. N., died at Waltham, Mass....December 2—Messrs. Moody & Sankey commence their labors in Providence, R. I....The leading merchants and manufacturers of Paris, appeal to President McMahon to yield to the majority, in the interests of trade and of the International Exposition on....² Steamboat Lotos burned on the Mississippi, near Waterloo, La.; 11 lives lost....Extra

session in Congress closed and regular session opened... Attorney Gen. Connor of S. C., resigned... 4. Turks capture Elena... Robert Tyler, son of the late Ex-President, died in Baltimore. Consul Gen. Sturz a German philanthropist, died in Berlin, Prussia.... 5. Austria protests against Serbia's participation in the Russo-Turkish war.... 6. Fire in Millerstown, N. Y., loss \$200,000. French ministry tender their resignations, and McMahon accepts them. M. Dutrau granted perfect liberty in forming a new Cabinet by the President. Reports of terrible famine in Bulgaria.... 7. John A. Collins *alias* Thorpe hung in Auburn for the murder of a fellow convict. Erie Canal closed. Wreck of the Steamer European in the English channel, no lives lost. Rev. Dr. A. T. Bledsöe, editor and author, 69, died in Alexandria, Va.... Active Temperance crusade in Baltimore, over 12,000 sign the pledge.... 9. \$800,000 fire in Louisville, Ky.... Plevna surrendered unconditionally to the Russians by Osman Pasha. 30,000 prisoners and 77 guns surrendered.... 10. Gen. John M. Llarian, takes the oath of office as Associate Justice of the U. S. Supreme Court.... 12. The Grand Turkish Council at Constantinople resolve to carry on the war to the last extremity. The Czar visits Osman Pasha, and returns his sword.... J. Cogswell Perkins, author, 69, died at Salem, Mass.... 13. A new French Ministry announced. Rev. Samuel Spring, D. D., Congregationalist author, 85, died in East Hartford, Conn.... 14. Town of Osceola, Mo., taken possession of by a masked mob. Serbia declares war against Turkey; the Turks burn and evacuate Elena. An insurrection in the province of Amyre, Crete.... 15. The Porte asks the European powers to mediate. The Servians cross the Turkish frontier at Pirot, and march on Kossovo, and on the 16th fortify the heights of Topolnitz and Sechanica, commanding the defence at Nitsch.... 16. President Hayes nominates ex-Gov. R. C. McCordick, of Arizona, Commissioner General to the Paris Exposition.... 17. Ardanatzch carried by assault by the Russians. All the powers except England refuse to interfere between Russia and Turkey. D'Aurelle de Paladines, corps commander in 1870-71, and life Senator of France, died in Paris.... 18. Texas State troops surrender to the mob at San Elizario. Orders given in Russia for the immediate mobilization of 60,000 more troops.... 19. Jas. Ballantine, author, 69, died in Edinburgh, Scotland.... Reports of famine in Northern China. Six persons suffocated with coal gas at Randolph, Mass.; two children burned to death at Newport, N. Y.... 20. Explosion in Greenfield & Son's confectionary factory in New York, 15 lives lost. Cabinet crisis in Germany. Russian loss by the war to date, officially stated at 80,000 men. Mercy B. Jackson, M. D., Prof. of diseases of children, Boston University, 75, died in Boston.... 21. The famous racing mare Flora Temple, died near Philadelphia, aged 32 years.... Prince Charles of Roumania, receives the Iron Cross from the Emperor William.... 22. American Museum of Natural History at New York, formally opened by President Hayes. Excise Commissioner Murphy of New York, absconds with \$50,000 of the public funds.... 23. The Porte ineffectually attempts to depose Prince Milan of Serbia. Henry M. Stanley arrives at Aden, Arabia, on his way home. Terrible snow storm in Roumania; hundreds of Russian soldiers and Turkish prisoners perish.... 24. Robert Parrott, (Parrott's rifled cannon) inventor, died at Cold Spring, N. Y.... Mrs Hattield and three children drowned through the ice near Yarmouth, Nova Scotia.... The insurgents at Crete convocate the National Assembly to establish a Provincial government.... The Servians are repulsed at Yatic, but capture Ak-Palanka after eight hours fighting.... 26. Thirty thousand Servians with 120 guns invest Nitsch.... Montenegrins defeat a Turkish force near Dulcigno.... George A. Bailey, publisher of the Congressional Globe, died at Deering, Me.... 27. The Servians are repulsed at Novi Bazar and Pirot by the Turks.... 28. Explosion in the Stanton shaft near Wilkes-barre.... 29. The British Channel fleet and all commissioned ships under repair, ordered to be ready for sea by January 15. G. Dodge, M. D., for several years superintendent N. Y. State Inebriate Asylum, died at Binghamton, N. Y.... 31. Gustave Courbet, artist and communist, died in Paris.... President Hayes' silver wedding celebrated in Washington.

1878.

January 1. John S. Randall, noted entomologist and numismatist, 60, died at Utica, N. Y.... 2. Albania invaded by the Montenegrins. Turks defeated at Bogrov. Seven men killed by a nitro-glycerine explosion at Negaunee, Mich. Emile Lambinet, French artist, 70, died in Paris.... 3. Russians capture Sophia in Central Turkey. Communication between Servians and the Russian army of the Vid. Retreat of Suleiman Pasha on Stalitzia.... 4. Marquis Wilkipolski, Polish statesman, died in London.... 5.

Report of the massacre of 15,000 people in Kashgar by the Chinese. Stanley welcomed at the court of the Khedive. U. S. steamer Kearsarge driven ashore in Portsmouth harbor. John Orton Cole, 84, died in Albany. Gen. Alfonso de la Marmora, Italian soldier and statesman, 73, died in Florence, Italy.... 8. Occupation of Stalitzia and Petrichero by the Russians. Retreat of Chakir Pasha. Don Francisco de la Guerra, Mexican statesman, died in Mexico. Comte de Paikao, French statesman and Senator, 81, died in Paris.... 9. Russians under General Radetsky capture entire Turkish army at Shipka Pass. Resolutions introduced in the Massachusetts Legislature favoring a gold standard, and condemning the Bland-Silver Bill. Victor Emanuel II, King of Italy, 57, died in Rome.... 11. Fernando Wood's investigation resolution passes the House. Nissa captured by the Servians after a five days' battle. Eski-Saghra and Yeni-Saghra occupied by the Russians. Demetrios-Bulgaris, Greek Statesman, died in Athens.... 12. Great fire in London, loss over \$1,000,000.... 13. Central Superintendent of Indian affairs discontinued by order of Secretary Schurz.... 14. Thirteen lives lost by the wreck of the schooner Little Kate, off Duxbury, Mass.... 15. Sixteen persons killed and a large number injured by a railroad accident near Tariffville, Conn. \$300,000 voted for the new State Capitol at Albany. General McClellan inaugurated Governor of New Jersey.... 16. Lead City, Dakota, captured by border ruffians. Samuel Bowles, journalist (Springfield Republican), 51, died at Springfield, Mass.... 17. Four negroes killed by a mob at Lexington, Ky. Treaty of commerce and friendship between the United States and Samoa signed.... 18. Commodore George W. Hollins, U. S. N. Y., 79, died at Baltimore.... 19. The Ohio Senate passes a joint resolution favoring remonetization of the silver dollar and passage of the Bland bill. Turks evacuate Adrianople. Banquet to Stanley at Paris. Insurrection at Thessaly and Macedonia.... 21. Cleopatra's needle arrives in England. Servian troops occupy Pristina and Kar Shumli. Widdin completely invested and bombardment commenced. E. K. Collins, founder of Collins' line of Steamships, 76, died in New York city.... 22. Russians occupy Adrianople.... 23. Marriage of Alfonso, King of Spain, to the Princess Mercedes. The Austrian Cabinet resigns. Gen. Aug. Willich, 68, died at St. Mary, Ohio.... 24. Earls of Derby and Carnarvon, of the British Ministry, resign.... 25. The U. S. Sen. passes Matthews Silver resolution.... 26. Terrible famine reported in China; 9,000,000 people starving. William Gale completes a walk of a quarter of a mile every ten minutes for thirteen consecutive days. Dr. Jno. Doran, a noted English author, 70, died in London.... 27. Three islands in Lake Scutari, captured by Montenegrins. George P. Gordon, inventor of the Gordon printing press, 67, died in Norfolk, Va.... 28. Defeat of the Turkish army at Raschaskin by the Servians. Revolt in Athens.... 29. Turks defeated by the Thessalian insurgents on Mount Pelion. Sir Edward S. Creasy, English historian, 65, died in London.... 30. Joseph Hildebrand, German philosopher, 72, died in Germany.... 31. Sir. Metropolis, Philadelphia to Brazil, driven ashore on Currituck Beach, N. C., and wrecked, nearly 100 lives lost. Armistice signed between Russia and Turkey.... February 1. Storm on the Atlantic coast, many vessels wrecked.... Panic in Constantinople. Russians occupy Kazan. Stranding of British steamer Astarte at Castillos, and 30 lives lost.... George Cruikshank, English artist and designer, 85, died in London.... 2. Postal convention signed between the United States and Australia.... 3. Eco Red Cloud Indians go upon the war-path.... Gov. Wells, of Louisiana, surrenders.... Chas. Thomas, brevet Maj-Gen. U. S. A., 80, dies at Washington, D. C.... Erzeroum surrenders to the Russians. An asylum in Tien-Tsin, China, burned with 2,000 persons.... 5. Prefect of St. Petersburg shot by Vera Sassoulitch.... 6. Russians take possession of the fortifications at Constantinople.... 7. Giovanni M. M. Ferretti, Pope Pius IX, 85, dies at Rome. Conclusion of Louisiana trial; Anderson convicted.... 8. Tornado at Augusta Ga.... 9. Epirus insurgents proclaim a union with Greece. Immense tidal wave on the coast of Peru. Evacuation of Widdin, Rustchuk, Silistra, and Belgradskiy by the Turks.... 11. Ship British America and brig Carrie Winslow collide off Sandy Hook; several lives lost. Gideon Wells, ex-Sec. of Navy, 75, died in Hartford, Conn.... Charles M. Conrad, ex-U. S. Senator and ex-Sec. of War, 73, died in New Orleans, La.... Wm. Welsh, philanthropist, 76, died in Philadelphia.... 12. Reception by Congress of Carpenter's picture of Abraham Lincoln.... 13. The British fleet entered the Dardanelles. Rev. Dr. Alexander Duff, missionary, 71, died at Lidmouth, Eng.... Mother Teresa (Miss Mary Annam Sewell), founder of a religious order, 57, died in Baltimore.... 14. Turkish Parliament dissolved

...15. Opening of the Spanish Cortes. Bayard Taylor nominated Minister to Germany. ...16. Passage of the Bland silver bill. Withdrawal of the British fleet to Madanee Bay. ...Rev. Wm. Goodell, pioneer abolitionist, 85, died at Janesville, Wis. ...17. Fourteen persons drowned by the sinking of the steamer C. R. Palmer. Disastrous fire in New York, two churches and six stores burned; loss, \$1,000,000. ...18. Russia persuaded not to occupy Constantinople. ...19. End of the ten-years' Cuban rebellion. Cardinal Pecchi elected Pope, and takes the name of Leo XIII. ...20. Concurrence of the House in the Senate amendments to the silver bill, and the measure sent to the President. ...22. National Greenback party organized at Toledo, Ohio. ...Prof. Albert Smith, M.D., LL.D., 78, died at Peterboro, N.H. ...23. Passage of an act by the Utah legislature disfranchising Gentiles. ...24. Collision of a ferryboat and a schooner in the Hudson river; several killed. ...25. R. W. Taylor, first Comptroller of U. S. Treasury, died in Washington. ...Hon. Townsend Harris, ex-U. S. Consul to Japan, died in N. Y. City. ...Gen. Duplessis, French soldier, died in Paris. ...26. Destructive floods in California, causing the loss of many lives. ...Father Angelo Secchi, Italian astronomer, 60, died in Pisa, Italy. ...27. The Bland silver bill vetoed by the President. ...The Archbishop of Rennes died there. ...28. Passage of the Bland silver bill over the President's veto. reorganization of the New York State Military Association. ...March 1. Excitement in England, and preparations made for a conflict with Russia. ...2. Duel between M. de Cassagnac and M. Thompson, the latter wounded in the throat. ...Benj. F. Wade, ex-Vice-President of U. S. and ex-U. S. Senator, 77, died at Jefferson, O. ...3. Signing of the treaty of San Stefano between Russia and Turkey. ...Coronation of Pope Leo XIII. Great demonstration at Pittstown, Pa., in opposition to the Tariff bill. ...4. Tornado in Casey county, Ky., and several persons killed. ...Mr. Porter, of Indianapolis, nominated for first compriroleur of the Treasury. Confirmation of Bayard Taylor as Minister to Germany. ...5. Hot Springs, Ark., nearly destroyed by fire. ...6. Judge Asa Briggs, ex-M.C. and ex-U. S. Senator from N. C., 68, died in N. Y. City. ...7. Opening of Italian parliament. ...Count Paolo E. Schlipis, one of the "Aia-buna" arbitrators, an Italian statesman, 79, died in Italy. ...The Archduke Francis, uncle of Emperor of Austria, died in Vienna. ...8. Colliery explosion near Glasgow, great loss of life. ...9. Printing of one and two dollar greenbacks resumed by the Treasury department. ...Terrific wind and snow storm in the west; snow 15 feet deep in the streets of Cheyenne, Wyo. ...10. Outbreak of cholera in Arabia. ...Burning of the transport steamer Sphinx near Cape E in 7,000 Circassians perish. ...Overthrow of President Baez in San Domingo. ...11. Disgraceful hazing affair at Dartmouth College. ...12. Colliery explosion near Bolton, Eng., 40 lives lost. ...13. Jefferson county, W. Va., swept by a terrific storm. ...A. Viollette Duc, architect, landscape painter and author, died in Paris. ...14. Commodore Robert F. Pinkney, U.S.N., 66, died at Baltimore, Md. ...15. Commodore John H. Graham, U.S.N., 84, died at Newbury, N.H. ...England commences a war with the Caffres in South Africa. ...17. Treaty of peace ratified at St. Petersburg. ...Robbery of the Lechmere bank, Boston. ...18. Great strike of weavers in England. ...19. O'Donovan Rossa riot in Toronto, Can. ...Anderson released by order of Supreme Court of La. ...20. End of the Hayti rebellion. ...Prince Bismarck's ultimatum to Nicaragua. ...Paul Boyton swims the Strait of Gibraltar. ...22. Five persons killed by a boiler explosion at Richmond, Va. ...23. Steamer Magenta bursts a steam pipe near Sing Sing, N.Y., six persons killed. ...O'Leary wins the international walking match in London. ...40 houses destroyed by fire in Tokyo, Japan. ...John Allison, Register of the Treasury and ex-M.C. died in Washington, D. C. ...24. Sinking of the British naval training ship *Eurydice* off the Isle of Wight, 300 lives lost. ...25. A million-dollar fire in Philadelphia. ...26. Fire in New York, loss \$500,000. ...27. Forty persons killed by a colliery explosion in North Staffordshire, Eng. ...28. Glenn W. Scofield confirmed as Register of the Treasury. ...29. Ex-President Grant received by the Pope. ...April 1. Opening of the Mexican Congress. Marquis of Salisbury becomes Secretary of State in English Cabinet. ...2. Assassination of the Earl of Leitrim, clerk and driver, in Derry, Ireland. ...5. Mob violence in Rhode Island cotton mills, Kent county. ...20 persons killed and injured by an oil explosion at Mauch Chunk. ...7. Burning of the Bath, N. Y., poorhouse, 15 inmates perish in the flames. ...Boiler explosion in a Boston factory and several persons killed. ...9. Thirteen buildings destroyed by fire in Galveston, Texas. ...11. Steinburg, the Amsterdam, N.Y., murderer, confesses to eleven murders. ...Prince Napoleon Lucien C. J. F. Murat died in Paris. ...Ex-Chief Justice T. Bigelow, 68, died in Boston, Mass. ...Rev. George Putnam, D.D., 71, died in Boston, Mass. ...12. Portions of Kansas swept by a tornado, great loss of life and property. ...Wm. F. Tweed, 55, died in New York. ...E. Delafield Smith, ex-U. S. District Attorney, died in New York. ...Dr. J. Behrendt, ethnologist, died in Guatemala, Central America. ...George Tyler Bigelow, LL.D., 68, died in Boston, Mass. ...13. Fifteen acres of Clarksville, Tenn., burned over, loss \$500,000. ...Oxford wins the boat race with Cambridge on the Thames. ...14. Canton, China, devastated by a hurricane, accompanied by two water-sprouts. ...Town of Goa, Venezuela, destroyed by an earthquake. ...15. Three murderers lynched at Huntsville, Ala. ...18. Collision between white and black miners, and a number killed, at Coal Creek, Ind. ...19. A general strike in the manufacturing districts of England. ...Riots in Montreal. ...Geo. W. Blunt, Pilot Commissioner and author, 76, died in New York. ...Rev. P. F. Lynden, Catholic Vicar-general of Boston, 66, died there. ...20. Rev. J. P. Dubrule, D.D., Vicar-general of Baltimore, Md., 63, died there. ...21. The Azor sails from Charleston, S.C., with 250 colored emigrants for Liberia. ...22. Promulgation of the Pope's encyclical asserting temporal power. ...Nihilist troubles in Russia. ...Wm. Orton, President Western Union Telegraph Co., 54, died in New York. ...23. Destructive tornado in western Iowa. ...24. Prof. Malagutti, chemist, 78, died in Sevres, France. ...26. Geo. Grant, founder Victoria Colony, Kansas, died there. ...27. The Broadway street explosion, in New York City, loss \$1,500,000. ...Delegation of distinguished Southerners entertained at Boston. ...28. Gen. Todleben appointed to succeed the Grand Duke Nicholas in command of the Russian army in Turkey. ...Twenty persons killed by a boiler explosion at Dublin, Ireland. ...29. First contingent of British troops sent to Malta. ...May 1. Opening of Paris Exposition. ...John Morrissey, gambler, State Senator and ex-M.C., 47, died at Saratoga. ...2. Flour mill explosion at Minneapolis, killing 17 persons. ...W. S. O'Brien, "Bonanza King," died at San Rafael, Calif. ...4. England transports native troops from India to operate against Russia. ...5. Count Schouvaloff sets off on a mission of peace. ...6. Packard nominated for consul at Liverpool. ...7. An insurrection in Central Turkey; 21 Mohammedan villages destroyed. ...10. The Canadian parliament prorogued. ...S.S. Mandarin burned at harbor of Londonderry, three killed and forty injured. ...Troubles with the Mexicans on the Texas border. ...The bankrupt act repeat bill passed. ...11. Attempted assassination of Emperor William by Hoedel. ...13. Seventeen American vessels chartered by Russia. ...Catharine E. Beecher, educator and author, 77, died in Elmira, N.Y. ...13. Prof. Joseph B. Henry, LL.D., scientist, secretary Smithsonian Institute, 80, died in Washington, D.C. ...Mrs. John Bright, wife of Hon. John Bright, died at Rockdale, Eng. ...Maj.-Gen. Thos. S. Dakin, celebrated rifle shot, 46, died in Brooklyn, N.Y. ...16. Cotton strike riots at Preston, Manchester and Burnley, Eng. ...17. The Potter investigation ordered by the House of Representatives. ...Message from President Hayes on the fishery award. ...18. Meeting of the American Social Science Association in Cincinnati. ...19. Forty persons burned to death in a Calcutta theatre. ...Rev. S. M. Isaacs, journalist, 74, died in New York. ...22. A pleasure steamer capsized in Grand river, Canada, and nine persons drowned. ...Francis Peralto rode 205 miles in 14 hrs. and 31 min. at Fleetwood Park, N.Y. ...23. An Indian outbreak in Montana. ...24. Great storm in Wisconsin, attended with loss of life. ...25. Duchess of Argyll died at Edinburgh. ...John A. Bolles, naval solicitor-general, 69, died in Washington. ...John Scott Harrison, ex-M.C., died at North Bend, Ind. ...28. Invitations to the Berlin Congress issued by Germany. ...Earl Russell (Lord John Russell), formerly British Premier, 86, died in London, Eng. ...30. Severe drought on the Island of Jamaica. ...Sinking of the German naval vessel Grosser Kururst in the English channel, and nearly 300 lives lost. ...The body of the son of ex-President Harrison found in an Ohio medical college. ...June 1. Uprising of the Bannock Indians. ...2. A tornado destroys 100 houses at Richmond, Mo. ...Wreck of the steamer Idaho on the coast of Ireland. ...Nobelberg attempts the assassination of Emperor William. ...3. Vera Sassalich escapes from the Russian authorities. ...400 Russians massacred in Roumelia. ...6. The Pope appeals to the powers to protect Catholics in Turkey. ...Rev. Nath'l Bouton, D.D., historian, 77, died at Concord, N.H. ...John Wingate Thornton, historian, 60, died at Boston, Mass. ...Gen. Neville Baraguay d'Hilliers, French soldier and statesman, 83, died at Paris. ...7. Peace proclaimed in Cuba. ...Colliery explosion in Lancashire, Eng., killing 240 persons. ...The act repealing the bankrupt law signed by the President. ...Five negroes lynched at Bayou Sara, La. ...9. Capt. Har-

per's fight with the Bannock Indians...Amnesty granted to Cuban patriot prisoners...Turkey selects two Christians to attend the Berlin Congress...Bulgarians burn 19 villages and commit horrible atrocities...Earthquake in Lisbon, Portugal...John A. McGahan, journalist and war correspondent, 33, died at Constantinople...Dr. Manuel Freyre, Peruvian Minister, dies at Washington, D.C....11. Ten thousand natives killed by a tornado in China...Adjournment of the French Senate and Chamber of Deputies...Downfall of the Catholic Ministry in Belgium...Wm. Cullen Bryant, poet and journalist, 83, died in New York...Ex-King George of Hanover died....13. Meeting of the Berlin Congress...Prof. G.W. Keeley LL.D., 73, died in Waterville, Me....14. Messrs. Fenton, Groesbeck and Walker nominated as commissioners to the International Monetary Congress....18. Col. Wm. M. Vermilye, founder of banking house, 72, died in New York....19. Sehr. Eothen sails from New York for the Arctic regions in quest of the relics of Sir John Franklin...Centennial anniversary of the evacuation of Valley Forge...Rev. Chas. Hodge, D.D., LL.D., theological professor and author, 85, died at Princeton, N.J....Thos. Winans, of Baltimore, inventor and millionaire, died at Newport, R.I....20. Hanlon defeats Morris in a sculling race at Hulton, Pa...Congress adjourns...Gen. Fitz Henry Warren, 62, died at Brimfield, Mass....800 French Communists pardoned....22. Great fire in Montreal....23. Col. Geo. P. Kane, Mayor of Baltimore, &c., died there....24. Chas. T. Matthews, comedian, 77, died in Manchester, Eng....25. Battle with the Indians at Curry Creek, Oregon....26. Russia sends troops to Servia....26. Queen Mercedes of Spain, 18, dies at Madrid, Spain....27. Austria empowered to occupy Bosnia and Herzegovina...Judge Sidney Breece, ex-U.S. Senator, 83, died in Illinois...Mrs. Sarah H. P. Whitman, poet and author, 75, died in Providence, R.I....28. Harvard defeats Yale in a boat race at New London, Conn...Centennial of the battle of Monmouth in New Jersey....29. Tunnel caves in at Schwein, Ger., burying 25 persons...July 1. Independence of Roumania and Montenegro acknowledged....2. Twenty five thousand men out of employment in the Schuykill mining regions....3. Centennial anniversary of the massacre of Wyoming...Dr. J. C. Ayer, chemist and patent medicine manufacturer, died at Winchendon, Mass....4. Ten persons killed and fifteen injured by lightning at a picnic near Pittsburgh...A New London picnic party struck by lightning...Rev. John Dowling, D.D., clergyman and author, 70, died at Midletown, N.Y....5. Victory of the Columbia College crew at the Henley regatta in England....6. Indian fights in Oregon....7. Batoum ceded to Russia...Resignation of the Austrian Cabinet, 4,700 houses destroyed by fire in Mandalay, Burma...French elections for deputies, and large Republican gains...Explosion in a petroleum factory in France, 38 lives lost....8. Battle with the Indians at Willow Springs and Beasley's Mills, Oregon...Geo. S. Appleton, book publisher, 53, died at Riverside, N.Y....9. Announcement of a secret treaty between England and Turkey....10. Gen. Howard fights a severe battle at Head Birch Creek....12. Capt. Webb swims about 40 miles in 9 hrs. 57 min., Thames river, England....13. Berlin treaty signed by all the plenipotentiaries, and Congress adjourns...Harvey J. Eastman, educator, mayor of Poughkeepsie, died there....14. Canadian troops fire into a mob at St. Henri Junction....15. Removal of Arthur and Cornell from the New York custom-house, 150 cases of sunstroke at St. Louis....18. A train of 22 cars fall through a bridge at a height of 90 feet near Montecello, Ind., killing several persons....20. Gen. Merritt becomes collector, and Gen. Graham surveyor of customs at New York...Geo. F. Shepley, judge of First United States District Court, Maine, 67, died in Bangor....21. Grand Army encampment at Gettysburg....22. Lord Beaconsfield made a knight of the garter....23. The order of the garter conferred upon the Marquis of Salisbury...Meeting of the National Greenback Convention at Syracuse...Riot at East St. Louis, Mo...."Minnie Warren" (Mrs. Newell), a very beautiful dwarf, sister of Mrs. Tom Thumb, 28, died in Massachusetts....25. British ship Loch Ard lost with 47 lives...Rev. Samuel C. Jackson, D.D., Congregationalist clergyman and author, 76, died in Mass....26. A boat capsizes near Blackwater, Ireland; 14 children and 3 tea-hers drowned...Riotous demonstrations in Washington, D.C....Col. Forsyth routes the Indians near Sharkey's ranch....28. Grand banquet to Beaconsfield and Salisbury in London...Austrian army enters Bosnia...Marquis of Lorraine appointed Governor-General of Canada....29. Total eclipse of the sun, observations being made at Denver and other points....Four negroes hanged by a mob at Monroe, La....30. German parliamentary election....31. Ratification of the treaty of Berlin...Hanlon defeats Ross in a boat race at Riverside, N. B....31. Yellow fever breaks out at New Orleans....August 1. Arrival of Chinese embassy at San Francisco...Cardinal Alessandro Franchi, 59, died at Rome....2. Michael Rees, California millionaire, died at Wallenstein, Germany....3. Earus trots a mile in 2:13 1/4 at Buffalo, N.Y., the fastest time on record...Commodore Chas. II. Jackson, U.S. N., 75, died in Philadelphia....6. Bogardus wins the international shooting match in England....7. Beginning of the Austro-Bosnian war...Collision on the Panhandle R.R., near Seubenville, O.; 15 persons killed and 40 injured....8. Powder magazine explodes at Fratossi, Russia, killing 45 persons....9. Terrific storm and loss of many lives at Wallingford, Conn....10. Arrival at New York of the Columbia crew...Opening of the international monetary conference at Paris....11. A Russian embassy sent to Kabul....11. T. Montague, actor, 35, died in San Francisco....12. Gen. Grant received with great honor at St. Petersburg...Hanlon wins the scull race at Niagara, Ont...Russian torpedo boat exploded at Nicolaiev, and 31 persons killed....13. The Sultan ratifies the Berlin treaty...Serious Orange riot in Ottawa...The cabinet approves the universal postal treaty...Yellow fever appears at Memphis, Tenn....15. Passenger train wrecked near Chillicothe, Ohio...Austrians defeated in a Tuzla, by Baxter, Prof. of Elocution at Harvard University, 60, died at Cape May, N.J....17. H. Raymond, LL.D., President Vassar College, 64, died at Poughkeepsie, N.Y....16. Hoedel banished at Berlin....17. Rapid spread of the yellow fever in the South...Richard Upjohn, architect, 77, died in New York....18. Terrible explosion at Pottsville, Pa...Gen. Grantham has an interview with the Czar....20. Austrians occupy Serajevo....21. National regatta at Newark...Ex-Queen Maria Christina de Bourbon of Spain, 72, died at St. Adresse, France...Wm. Nibley, founder of Nibley's Garden, 89, died at New York....22. Powder mill explodes at Negaunee, Mich., and several employees killed....27. Ex-Gov. Pelford, of R.I., 71, died at Providence, R.I....30. A pardon for the Fenians Melody and Condon granted by the English government...Miskolz, Hungary, almost entirely destroyed by a storm, and over 500 persons drowned...A nitro-glycerine explosion at Negaunee, Mich., with great loss of life....31. A general rush into bankruptcy, owing to the expiration of the bankrupt act...Judge Thomas B. Dwight, 41, died in Andover, Mass....September 1. J. G. Dickerson, LL.D., Judge of the Supreme Court of Maine, 65, died in San Francisco....2. Anniversary of Sedan celebrated in Germany...British Columbia wants to withdraw from the Union...Forest fires on the shores of Lake Michigan, extending over 160 miles....3. Bishop McCosky, of Michigan, deposed from the Episcopate...Sinking of the steamer Princess Alice in the Thames, causing a loss of over 500 lives....6. Gen. J. T. Sprague, U.S.A., died in New York City....7. Albanians murder Mehmet Ali, the Turkish general, and 20 of his suite....8. Trebinje surrendered to the Austrians....9. Meeting of the German Reichstag...Maine election, and large increase of the Greenback vote....11. Two hundred and eighty lives lost by a colliery explosion in Wales....13. Russians evacuate Erzerom...Great storms in the west, causing much destruction to railroad property....14. The Porte accepts the English programme of reforms for Asia Minor....16. Defeat of the Canadian Government in the elections....17. The Butler-Democratic-Greenback Convention at Worcester...Rev. Parce F. Irving, D.D., Episcopal, nephew of Washington Irving, and author, 72, died at New Brighton, S. I., New York....18. Ex-Gov. A. Charlet, of I., 78, died at Dixon, Ill....20. Arrival of the Chinese Embassy in Washington...Cheyenne raid in Kansas...Col. Thomas B. Thorpe, author, 63, died in New York....22. Whole towns swept away by a tornado in Hayti...British mission to Afghanistan refused permission to enter Kabul....23. Russians evacuate San Stefano...Eruption of Mt. Vesuvius...Tuzla surrendered to the Austrians....24. Suicide of Ex-Congressman A. H. Lafin, at Fitchburg, Mass...Treaty between the United States and the Samoan Islands ratified...Col. James A. Hamilton, eldest surviving son of Alexander Hamilton, 90, died at Irvington, N.Y....25. John Penn, an eminent mechanical engineer, died in Philadelphia...Gen. Henry Raymond, oldest survivor of the war of 1812, 90, Jersey City...Ex-Judge B. F. Thomas, ex-M.C., died at Salem, Mass...Dr. August H. Petermann, eminent geographer, by suicide, 56, Gotha, Germany....29. Betrothal of the old King of Holland....30. Yellow fever at its height at Memphis and New Orleans; more than 200 deaths per day....October 2. Failure of the City of Glasgow Bank...Austrian industrial crisis...Mounion,

King of Burmah, probably, died Sept. 12, but not announced till Oct. 2. Cyrille Dion, champion billiard player, 35, died at Montreal, Can....3. Hanlon defeats Courtney in a sculling race at Lachine, Can....4. Insurrection in Santa Cruz. Turks massacre Sadi Pasha, and 156 officers and men at Podgoritzka....5. Austria conquers the Bosnian insurgents....Sir Francis Grant, President Royal Academy, 75, died in London, Eng. 6. Lord Chelmsford died in England. Rev. Nehemiah Adams, D. D., 72, died in Boston....Advance of the Afghans to the Khyber pass....Disaster on the Old Colony Railroad near Boston; 21 persons killed and a large number injured....6. The Porte's circular to the powers against Austrian cruelties in Bosnia and Herzegovina....10. Rt. Rev. Thomas Gobenby, D. D., R. C. Bishop of Hartford, 45, died there....11. Panic in a Liverpool theatre; 22 persons trampled to death....Archbishop Felix Antoine Dupanloup, of Bordeaux, member of French Assembly, died at Bordeaux....13. The town of Edinburgh, Pa., reduced to ashes. Five negroes lynched at Mt. Vernon....14. Mysterious murder of Policeman Smith, at Jersey City....The jury in the Billings' trial disagree, and are discharged....Meeting held at Rheims in favor of the Franco-American commercial treaty....Pierre Sonte, ex-Minister to Spain, rebel Commissioner, died in New Orleans, La....15. Commodore Schufeldt's cruise to Africa....Baron Von Preiss Cognoda intrusted with the task of forming a new Austrian cabinet....16. Convention signed between the Cretons and the Turks....Nine persons killed by a panic in a colored Baptist Church, at Lynchburg, Va....Gen. Gideon J. Pillow, Mexican war and rebel General, died at St. Helena, Ark....17. A New Bedford whaler capsized and 73 fishermen drowned....19. Passage of the German Anti-socialist bill....Benjamin H. Latrobe, Jr., eminent civil engineer, 71, died in Baltimore, Md....20. Rear Admiral Hiriam Pauding, U. S. N., 81, died at Huntington, L. I....20. The German Socialists leave the Reichstag in body....Railroad collision in Wales, and 12 persons killed and 20 injured....21. Fifteen villages inundated by the Nile....Rt. Rev. S. N. Rosecrans, R. C. Bishop of Columbus, and brother of Gen. Rosecrans, 51, died at Columbus....22. Resignation of the whole Italian cabinet....23. Pennsylvania visited by a wind-storm, and many people killed and injured....Cardinal Paul Cullen, 75, died in Dublin....25. Loss of the steamer City of Houston, on the Florida coast....Moncada attempts the assassination of King Alfonso of Spain....27. Robbery of the Manhattan Bank, New York....28. Strike of 30,000 Clyde iron workers....Bulgarian insurrection spreading....Arrival in Ireland of Lord Dufferin....30. Resignation of the Grecian Ministry....31. Terrible ravages of cholera in Morocco....Steamer Helvetia, from Liverpool to New York, runs down and sinks the British coast-guard cruiser Fanny, and 17 lives lost....November 1. Great conflagration in Maynooth College, Ireland....Extensive strike in English cotton-spinning district. Garnier Page, French statesman and historian, died in Paris....3. Christopher R. Robert, philanthropist, founder of Robert College, Constantinople, 77, died in Europe....6. Jean Jaques Fazy, Swiss statesman, died in Switzerland....7. Robbery of A. T. Stewart's grave in New York....Appeal of Mormon women in Utah against polygamy....H. W. Bach, U. S. coast survey, died in Bristol, R. I....Robert Howell, artist engraver of "Audubon's Birds," died at Tarrytown, N. Y....9. Principal part of Cape May, N. J., destroyed by an incendiary fire....11. Midhat Pasha appointed Governor of Syria....N. B. Judg. Ex-M. C., and Ex-Minister to Berlin, 65, died in Chicago....12. Switzerland gives notice that she will withdraw from the Latin Union....End of the yellow fever in the southwest....Total number of deaths from the scourge, 20,000....Memphis the greatest proportional sufferer; 5,000 deaths out of 12,000 people....14. Gen. Grant received with great honors in Madrid....Great flood in Italy....John S. Sleeper, "Hawser Nightingale," former proprietor of Boston Journal, 84, died in Boston....17. Pasanaten attempts the life of Humbert I., of Italy....Publication of Lord Salisbry's reply to Secretary Evarts on the fishery question....18. Political massacre at Lemberg, Germany....Destructive inundation in Norwich, England....Assassination of Don Manuel Pardo, Ex-President of Peru....Serious loss of life by inundation of the river Save, at Pesth, Austria....20. A reward of \$50,000 offered for the recovery of A. T. Stewart's body and conviction of the thieves....War began between England and Afghanistan....Duel between M. Gambetta and M. de Feurtou; neither injured....21. Explosion at a coal mine at Sullivan, Ind., fourteen men killed and a number injured....Payment of the fisheries award under protest by Minister Welsh in London, Rus-sian Gen. Kauffman's extraordinary assurance to the Amerc....British success in Khyber pass....23. Arrival of the Sarmatian at Halifax with the Marquis and Marchioness of Lorne on board....24. Unveiling of the Humboldt statue at St. Louis....25. Sinking of the steamer Pommerania by a collision near the Eng. Isth coast, with the loss of twenty lives....27. Khurram Fort occupied by the British....Flight of the Afghan garrison to Peiwar....50 persons jumping off a ferry boat at Liverpool, and are drowned, owing to a panic....Robert Heller, magician, 45, died in Philadelphia....28. Louis A. Godey, proprietor of "Godey's Lady's Book," 76, died in Philadelphia....English forces enter Khyber pass, in Afghanistan....29. Riot in Breathitt county, Ky., Lyman Treiman, Ex-M. C. and Ex-Attorney-General of N. Y., 62, died in Albany....Col. Robert Chastre Buchanan, U. S. A., 67, died in Washington, D. C., Commodore William T. Spicer, U. S. N., 57, died in Washington....December 1. Collision on the Mississippi between the steamers Charles Morgan and Cotton Valley; sinking of the latter with the loss of 20 lives....George H. Lewis, author, husband of "George Eliot," died in London....Alfred Wigan, an actor, died in London....2. Opening of the International Dairy Exhibition in New York city....Congress convenes....Rt. Rev. Joseph P. B. Wilmer, Professor, Bishop of New Orleans, died there....3. Evacuation of Jelalabad by the Amerc forces; twenty villages burned and most of the inhabitants massacred by the Macedonian insurgents....4. Opening of the English Parliament....Formation of a new Turkish Ministry....General Roberts wins a victory in Peiwar pass....5. Ovation to Emperor William on his return to Berlin....Capt. Whyte McVille, novelist, died in England....Senor Rivero, chief of the progressionists and democrats in Spain, died there....7. Arrest of an American, Kemier, in Constantinople, charged with conspiracy against the Sultan....8. Failure of the West of England Bank....9. Publication of the Amerc's reply to the Viceroy of India....British Consulate at Adrianople raided by the Russians....10. Banishment of Mahmud Damad Pasha to Tripoli....Heavy floods in New York and various other States....James H. Monahan, Chief Justice of Common Pleas and privy councillor, 73, died in Dublin....Henry Wells, founder of Wells College, and Wells & Fargo's Express, 73, died in Glasgow, Scotland....11. Discovery of rich silver fields at Leadville, Colorado....12. A general uprising reported against the authority of the Amerc in Afghanistan....The commandant of Fort Ali-Musjid blown from the mouth of a cannon....The Afghans plead for peace....14. Abdul Kerim and Redji Pasha banished to Rhodes....The Princess Alice Maud Mary, of England, Grand Duchess of Hesse Darmstadt, died at Darmstadt of diphtheria, aged 35 years....16. Cholera and famine carrying off thousands of people in Morocco....Severe business depression in England....17. Gold at par in New York city for the first time in 17 years....John H. Almy, journalist and former army agent, 48, died in New York....18. Execution of Jack Kehoe, leader of the Molly Maguires....Steamer Byzantium sunk in the Dardanelles, and 100 lives lost....Formation of a new Italian Cabinet....19. Bayard Taylor, author, traveller and poet, American Minister to Germany, 53, died in Berlin....20. Jelalabad occupied by Gen. Browne....Flight of the Amerc from Cabul to Turkestan....21. Reported loss of the brig C. R. Burgess, bound from Boston to England, with all on board....Rev. Dr. MacCauley, principal of King's College, Windsor, N. S., died there....24. Accident on the Lehigh Valley Railroad, and five persons killed....American steamship State of Louisiana founders upon the rocks of Lough Larne, Ireland....Rear Admiral Hoff, U. S. N., 69, died at Washington, D. C....Rev. Jos. B. O'Hagan, S. J., President of College of the Holy Cross, Worcester, Mass., died there....26. Rev. Leonard Woods, D. D., LL.D., Ex-President of Loydwood College, died in Mass....Submission of Yakoob Khan, son of the Amerc, and virtual ending of the Afghan war....The capital of Northern Brazil devastated by smallpox; 600 deaths daily....27. Arrival of the Amerc of Afghanistan at Tashkend....News received of the loss of the steamer Emily B. Souder, two days out of New York, on the 10th instant, with the loss of 36 lives....Gen. D. C. Collum, Superintendent of Railways and Army Transportation, during the war, and former Superintendent of Erie Railway, died in Brooklyn, N. Y....Rev. George Thacher, D. D., Ex-President of the University of Iowa, died in Hartford, Conn....Ex-Gov. Onslow Stearns, of New Hampshire, died in Concord, N. H....Nitro-glycerine explosion at Upper Preakness, N. J., killing three men....30. Harriet Grote, widow of George Grote, authoress, died in London.

POLICE STATISTICS IN VARIOUS CITIES.

NEW YORK—Number of officers 2,600; Patrolmen's pay \$100 per month; Sergeants' pay \$133 per month; Captains' \$166 per month; latest census, 1875, 1,046,037; number of arrests 78,451; average per officer 37; square miles 41; Superintendent, G. W. Walling.

PHILADELPHIA—Number of Patrolmen 1,200; 1876, arrests 44,919; Patrolmen's pay \$2.25 per diem; Captains' pay \$125 per month; Sergeants pay \$90.20 per month; Population 1876, 817,488; K. H. Jones, Chief of Police. Square miles 125³⁸₁₀₀; square acres 82,803; Park Police 114; number of Buildings Jan. 1st, 1876, 145,001; 4 Captains; 26 Lieutenants; 62 Sergeants.

BROOKLYN—Number of officers 567; Patrolmen's pay \$100 per month; Sergeants' pay \$133 per month; Captains' \$166 per month; official census, 1870, 396,099; number of arrests 25,558; average per officer 45; square miles 25; Superintendent, Patrick Campbell.

ST. LOUIS—Number of officers 439; Patrolmen's pay \$75 per month; Sergeants' pay \$100 per month; Captains' \$150 per month; official census, 1870, 310,864; number of arrests 19,082; average per officer 51; square miles 5.2; Superintendent, James McDonough.

BOSTON—Number of officers 630; Patrolmen's pay \$90 per month; Sergeants' pay \$100 per month; Captains' pay \$150 per month; official census, 1870, 250,526; number of arrests 25,261; average per officer 51; square miles 104; Superintendent, Wm. Savage.

BALTIMORE—Number of officers 592; Patrolmen's pay \$78 per month; Sergeants' pay \$82 per month; Lieutenants' pay \$86 per month; Captains' pay \$92 per month; official census, 1870, 267,354; number of arrests 26,365; average per officer 47; square miles 16; Superintendent, John T. Gray.

NEW ORLEANS—Number of officers 585; official census, 1870, 191,418; number of arrests 21,286; average per officer 50; square miles 150; Superintendent, W. F. Loan.

CHICAGO—Number of officers 507; Patrolmen's pay \$850 per year; Sergeants' pay \$1,220 per year; Chief's pay \$1,615 per year; population 298,977; square miles 40; Superintendent, M. C. Hickey.

CINCINNATI—Number of officers 332; Patrolmen's pay \$66.67; Lieutenants' pay \$75 per month; official census, 1870, 216,239; number of arrests 4,517; average per officer 26; square miles 24; Superintendent, Ira Wood.

COLUMBUS, O.—Number of officers 37; number of arrests 4,031; average per officer 109; Superintendent, Samuel Thompson.

BUFFALO—Number of officers 203; Patrolmen's pay \$66.67 per month; Sergeants' pay \$75 per month; Captains', \$100 per month; official census, 1870, 118,000; number of arrests 8,858; average per officer 44; square miles 27; Superintendent, John Byrnes.

ALBANY—Number of officers 112; Patrolmen's pay \$68 per month; Lieutenants' pay \$85 per month; Captains' pay \$116 per month; official census, 1870, 69,422; number of arrests 6,373; average per officer 56; square miles 22; Superintendent, John Maloy.

SAN FRANCISCO—Number of officers 150; Patrolmen's pay \$125 gold, per month; Sergeants' pay \$150 per month; Captains', \$175 per month; official census, 1870, 149,473; number of arrests 20,108; average per officer 134; square miles 37.5; Superintendent, H. H. Ellis.

WASHINGTON—Number of officers 232; Patrolmen's pay \$90 per month; Sergeants' pay \$100 per month; Lieutenants' pay \$150 per month; official census, 1870, 109,099; number of arrests 14,226; average per officer 62; square miles 14; Superintendent, A. C. Richards.

CLEVELAND—Number of officers 171; Patrolmen's pay \$825 per year; Sergeants' pay \$930 per year; Lieutenants' pay \$1,020 per year; Captains' pay 1,400 per year; official census, 1870, 92,229; square miles 29; Superintendent, J. W. Schmitt.

TOLEDO—Number of officers 52; Patrolmen's pay \$720 per year; Sergeants' pay \$800 per year; Chief's pay \$1,700 per year; official census, 1870, 31,584; square miles 16; Superintendent, J. C. Purdy.

MILWAUKIE—Number of officers 62; Patrolmen's pay \$66 per month; Sergeants' pay \$75 per month; Captains' pay \$80 per month; official census, 1870, 71,440; square miles 13; Superintendent, Wm. Beck.

WORCESTER—Number of officers 50; Patrolmen's pay \$820 per year; Captains' pay \$900 per year; Chief's pay \$1,600 per year; population 41,405; square miles 12; Superintendent, Ansel Washburne.

CHELSEA, MASS.—Number of officers 22; Patrolmen's pay \$2.25 per day; Sergeants' pay \$2.50 per day; Captains' pay \$3 per day; official census, 1870, 18,547; square miles 1.8; Superintendent, Wm. P. Drury.

JERSEY CITY—Number of force 165; Four stations 2 subs.; Chief Benjamin Murphy, salary \$2,000; Four Captains \$1,500; Sixteen Sergeants \$960; Patrolmen \$840. The numerical strength of Department is considered inadequate in proportion to number of population, valuation of property and area square miles to patrol.

CHARLESTON, S. C.—Number of officers 138; official census, 1870, 48,956; number of arrests 2,705; average per officer 20; square miles 16; Superintendent, H. W. Hendricks.

NEWARK, N. J.—Number of officers 177; official census, 1870, 105,059; number of arrests 6,752; average per officer 38; Superintendent, Jno. Mills.

SALEM, MASS.—Number of officers 42; official census, 1870, 24,117; number of arrests 1,682; average per officer 40; Superintendent, — Hill.

INDIANAPOLIS, IND.—Number of officers 62; Patrolmen's pay \$900 per year; Captains' pay \$1,200 per year; official census, 1870, 48,244; Superintendent, A. C. Dewey.

COVINGTON, Ky.—Number of officers 20; Patrolmen's pay \$720 per year; Lieutenant's pay \$1,200 per year; official census, 1870, 24,502; Superintendent, P. J. Bolan.

LOWELL—Number of officers 52; Patrolmen's pay \$900 per year; Captains' pay \$1,200; Chief's pay \$1,800 per year; population 40,928.

ALLEGHENY—Number of officers 57; Patrolmens' pay \$803 per year; Captains' pay \$900 per year; Chief's pay \$1,000 per year; population 53,180; number of arrests 2,641.

Oswego—Number of officers 11; Patrolmen's pay \$60 per month; Captains' pay \$960 per year; population 20,910; number of arrests 1,117; Chief, Nathan Lee.

PROVIDENCE—Number of officers 191; Patrolmens' pay \$1,080 per year; Captains' pay \$1,300 per year; Chief's pay \$1,250; number of arrests 8,964.

RICHMOND—Number of officers 84; Patrolmens' pay \$900 per year; Captains' pay \$1,200 per year; Chief's pay \$2,000 per year; population 51,038; number of arrests 6,800.

UTICA—Number of officers 20; Patrolmens' pay \$720 per year; Assistant Chief's pay \$960 per year; Chief's pay \$1,200 per year; population 28,804; number of arrests, 1876, 1,200; average per officer 60; square miles 8; cost Dept. \$16,000; Chief, James Dwyer.

Syracuse—Number of officers 34; Patrolmen's pay \$75 per month; Captains' pay \$1,200 per year; Chief's pay \$1,500 per year; population 60,000; number of arrests, 1876, 3,360; average per officer 33; Chief, Thomas Davis.

NORFOLK—Population, 1870, 19,256; number of force 44; Chief's pay \$3 per day; Assistant Chief's pay \$2.75 per day; Patrolmen's pay \$2 per day; 18 hours' duty in 48; number of arrests, 1876, 1,977.

READING—Number of officers 28; pay \$45 per month with uniform; Chief's pay \$950 per year; population 33,000; Chief, Peter Cullin.

HARRISBURG—Population 30,000; Chief, Christian Cilley; pay \$900 per year; Lieutenant's pay \$780 per year; Officers' pay \$600 per year; square miles 3½.

SCRANTON—Population 35,000; Chief, Jack Breese; number of officers 11; pay \$75 per month.

DAYTON—Population, 1870, 30,473; number of force 35; Chief's pay \$1,440 per year; Sergeants' pay \$900 per year; Roundsmen's pay \$850 per year; Patrolmen's pay \$800 per year; 11 hours' duty every 24; Chief, Amos Clark.

LONDON, ENG.—Number of officers 8,833; population in 1878, 3,533,-184; number of arrests 42,951; average per officer 8; square miles 122; Superintendent, J. T. Willmayer.

LIVERPOOL, ENG.—Number of officers 1,018; population in 1878, 527,-000; number of arrests 32,243; average per officer 32; square miles 12; Superintendent, Anthony Jones.

MANCHESTER, ENG.—Number of officers 682; population in 1878, 400,-000; number of arrests 31,158; average per officer 46; Superintendent, W. H. Palin, *Ch. Con.*

DUBLIN, IRELAND—Number of officers 2,085; population in 1878, 314,-666; number of arrests 32,243; average per officer 16; square miles 5.

THE QUEEN AND ROYAL FAMILY OF ENGLAND.

THE QUEEN.—VICTORIA, of the United Kingdom of Great Britain and Ireland, Queen, Defender of the Faith. Her Majesty was born in Kensington Palace, May 24, 1819; succeeded to the throne June 20, 1837, on the death of her uncle, King William IV.; was crowned June 28, 1838; and married Feb. 10, 1840, to His Royal Highness, Prince Albert. Her Majesty is the only child of his late Royal Highness, Edward, Duke of Kent, son of King George III. The children of Her Majesty are—

Her Royal Highness Victoria Adelaide Mary Louisa, PRINCESS ROYAL OF ENGLAND AND PRUSSIA, born Nov. 21, 1840, and married to His Royal Highness William, the Crown Prince of Germany, Jan. 5, 1858, and has had issue, four sons and four daughters. One son (the third,) died June 18, 1866. The eldest daughter, V. E. A. Charlotte, was married Feb. 18, 1878, to Hereditary Prince of Saxe Meiningen, and has one child.

His Royal Highness Albert Edward, PRINCE OF WALES, Born Nov. 9, 1841; married, March 10, 1863, Alexandria of Denmark, (Princess of Wales), born Dec. 1, 1844, and has had issue, Prince Albert Victor, born Jan. 8, 1864, George Frederick Ernest Albert, born June 3, 1865; Louisa Victoria Alexandra Dagmar, born Feb. 20, 1867; Victoria Alexandra Olga Mary, born July 6, 1868; Maud Charlotte Mary Victoria, born Nov. 26, 1869, and Alexander J. C. A., born 6th April, died 7th April, 1871.

Her Royal Highness Alice Maud Mary, born April 25, 1843; married to H. R. H. Prince Louis Frederick of Hesse, July 1, 1862, and has issue five daughters and one son; second son killed by accident May, 1873; Youngest daughter died of diphtheria, Nov. 15, 1878, and H. R. H. died of the same disease, Dec. 14, 1878.

His Royal Highness Alfred Ernest Albert, duke of Edinburgh, born Aug. 6, 1844; married Her Imperial Highness, the Grand Dutchess Marie, of Russia, Jan. 23, 1874, and has one son and three daughters.

Her Royal Highness Helena Augusta Victoria, born May 25, 1846; married to H. R. H. Prince Frederick Christian Charles Augustus Schleswig-Holstein-Sonderburg-Augustenburg, July 5, 1866, and has had issue three sons and two daughters. The youngest son died when seven days old, May 19, 1876.

Her Royal Highness Louisa Carolina Alberta, born March 18, 1848; married to the Marquis of Lorne, eldest son of the Duke of Argyle, March, 1871. The Marquis is now Governor General of Canada.

His Royal Highness Arthur William Patrick Albert, born May 1, 1850, Duke of Connaught, married March 13, 1879, to the Princess Louisa Margaret, grand niece of the Emperor of Germany, and daughter of Prince Frederick Karl. H. R. H. has received the appointment of Lord Lieutenant of Ireland.

His Royal Highness Leopold George Duncan Albert, born April 7, 1853, H. R. H. is expected to take orders in the Anglican Church the present year, (1879).

Her Royal Highness Beatrice Mary Victoria Feodore, born April 14, 1857.

FOREIGN NATIONS.

(PRESENT RULERS, POPULATION, SQUARE MILES, ETC.

STATES, &c.	CAPITALS.	RULERS, &c.	TITLES.	POPL'TN.	SQ MILES	RELIGION.
Abyssinia.....	Magdala.....	Johannes II (Kassa)	King.....	3,000,000	158,000	Coptic.
Afghanistan.....	Cabool.....	.....	Shah.....	7,600,000	500,000	Moham'dan.
Anam (Cochin China).....	Ilie.....	Tu Duc.....	.....	10,000,000	600,000	Buddhist.
Arabia (Muscat).....	Muscat.....	Seyd B. Bin Said.....	Inaum.....	1,500,000	175,000	Moham'dan.
Argentine Republic.....	Buenos Ayres.....	Dr. N. Avellaneda.....	President.....	1,877,500	834,600	R. Catholic.
Austro-Hungary.....	Vienna.....	Francis Joseph I.....	Emperor.....	7,700,491	249,040	R. Catholic.
Baden.....	Carlsruhe.....	Frederick I.....	Grand Duke.....	1,507,491	5,824	R. C. & Prot.
Barbary States.....	Tripoli.....	Dabri Pasha.....	Pasha.....	1,200,000	341,400	Moham'dan.
Bavaria.....	Munich.....	Louis II.....	King.....	5,412,231	29,292	R. Catholic.
Belgium.....	Brussels.....	Leopold II.....	King.....	5,253,821	11,372	R. Catholic.
Beloostchistan.....	.....	Khodadad.....	Khan.....	1,000,000	140,000	Moham'dan.
Bolivia.....	Oruro.....	Gen. H. Daga.....	President.....	2,000,000	500,870	R. Catholic.
Borneo.....	Borneo.....	Abdu'l Mumein.....	Sultan.....	1,750,000	290,000	Pagan.
Brazil.....	Rio de Janeiro.....	Dom Pedro II.....	Emperor.....	10,196,328	3,288,000	R. Catholic.
Burmah.....	Mandalay.....	Thebo.....	King.....	3,400,000	192,000	Buddhist.
Cambodia.....	Panompin.....	Ong S'detch N'd'm.....	King.....	1,020,000	33,524	Buddhist.
Canada, Dominion of.....	Ottawa.....	Marquis of Lorne.....	Gov. General.....	3,873,000	3,620,510	Protestant.
Capo Colony.....	Cape Town.....	Sir H. B. E. Frere.....	Governor.....	720,984	222,308	Protestant.
China.....	Pekin.....	Kuang Su.....	Emperor.....	25,000,000	4,510,000	Budh. & Pagan.
Chili.....	Santiago.....	Anabala Pinto.....	President.....	2,300,000	126,060	R. Catholic.
Colombia.....	Bogota.....	Aquileo Parra.....	President.....	2,851,858	322,750	R. Catholic.
Corea.....	Kingkitao.....	Zung-Ching.....	King.....	8,000,000	93,300	Confuc. & Bud.
Costa Rica.....	San Jose.....	Dr. A. Esquivel.....	President.....	230,000	26,040	R. Catholic.
Dahomey.....	Abomey.....	Adahaonzon II.....	King.....	300,000	.....	Pagan.
Denmark.....	Copenhagen.....	Christian IX.....	King.....	1,950,400	15,218	Lutheran.
Ecuador.....	Quito.....	Gende Veintimilla.....	President.....	1,100,000	218,380	R. Catholic.
Egypt.....	Cairo.....	Tewfik Pasha.....	Khedive.....	5,250,000	212,000	Mahom'dan.
France.....	Paris.....	J. de Grey.....	President.....	35,905,788	204,066	R. Catholic.
Germany.....	Berlin.....	William I.....	Emperor.....	42,727,260	208,744	Protestant.
Great Britain & Ireland.....	London.....	Victoria I.....	Queen.....	33,055,023	1,115	Greek Ch'rech.
Greece.....	Athens.....	George I.....	King.....	1,457,894	19,353	R. Catholic.
Guatemala.....	Guatemala.....	J. Rufino Barrios.....	President.....	1,180,000	40,770	Lutheran.
Hesse.....	Darmstadt.....	Louis IV.....	Grand Duke.....	884,218	2,065	R. Catholic.
Haiti.....	P't-au Prince.....	Gen. B. Canal.....	President.....	705,500	29,828	R. Catholic.
Honduras.....	Comayagua.....	Marco A. Soto.....	Pr. sident.....	350,000	47,000	R. Catholic.
Italy.....	Rome.....	Humbert I.....	King.....	27,799,475	114,460	R. Catholic.
Japan.....	Tokio.....	Mu'su Hitto.....	Mikado.....	33,110,825	155,525	Buddhist.
Liberia.....	Monrovia.....	A. W. Gardner.....	President.....	820,000	60,000	Prote-tant.
Madagascar.....	Antananarivo.....	Rana'oi II.....	Queen.....	3,000,000	228,570	Christian.
Mecklen' Schwerin.....	Schwerin.....	Fred'k Francis II.....	Grand Duke.....	553,897	5,138	Lutheran.
Mecklenberg Strelitz.....	Strelitz.....	Fred'k William I.....	Grand Duke.....	95,682	1,131	Lutheran.
Mexico.....	Mexico.....	Gen. Porfirio Diaz.....	President.....	9,158,250	743,820	R. Catholic.
Montenegro.....	Cettigne.....	Nicolas.....	Hospodar.....	110,000	1,710	Greek Ch'rech.
Morocco.....	Morocco.....	Muley Hassan.....	Sultan.....	3,750,000	260,000	Mahom'dan.
Netherlands.....	Amsterdam.....	William III.....	King.....	3,924,792	12,680	Prote-tant.
Nicaragua.....	Managua.....	P. J. Chamorro.....	President.....	250,000	58,170	R. Catholic.
Oldenburg.....	Oldenburg.....	Peter I.....	Grand Duke.....	319,314	2,470	Lutheran.
Orange Free States.....	Blomfontein.....	J. H. Brand.....	President.....	50,000	42,470	Protestant.
Paraguay.....	Asuncion.....	J. Baptista Gill.....	President.....	300,000	56,700	R. Catholic.
Persia.....	Teheran.....	.....	Shah.....	5,000,000	636,000	Mahom'dan.
Peru.....	Nassard-e-Din.....	.....	President.....	3,371,000	502,380	R. Catholic.
Portugal.....	Lisbon.....	Dom Luis I.....	King.....	4,367,882	35,812	R. Catholic.
Prussia.....	Berlin.....	William I.....	King.....	25,742,404	137,566	Prote-tant.
Roumania.....	Bucharest.....	Karl I.....	Domnu.....	5,376,000	49,662	Greek Ch'rech.
Russia.....	St. Petersburg.....	Alexander II.....	Emperor.....	85,685,945	8,325,333	Greek Ch'rech.
Saxo Coburg & Gotha.....	Gotha & C'burg.....	Ernst II.....	Duke.....	182,599	760	Lutheran.
Saxe-Meiningen.....	Meiningen.....	George II.....	Duke.....	194,194	933	Lutheran.
Saxe-Weimar.....	Weimar.....	Charles Alex'nder.....	Grand Duke.....	292,4,3	1,421	Lutheran.
Saxony.....	Dresden.....	Albert I.....	King	2,700,586	5,788	Luth. & R. C.
Sandwich Islands.....	Honolulu.....	David Kalakaua.....	King	62,000	7,028	Protestant.
San Domingo.....	San Domingo.....	Ulysses T Espaillat.....	President.....	150,000	20,596	R. Catholic.
San Salvador.....	San Salvador.....	Rafael Zaldivar.....	President.....	600,000	7,335	R. Catholic.
Servia.....	Belgrade.....	Mil'n Obreronovic IV.....	Hospodar.....	1,720,000	18,787	Greek Ch'rech.
Siam.....	Bangkok.....	P. S. Paraminthra.....	First King.....	5,700,000	30,9000	Buddhist.
Spain.....	Madrid.....	Alfonso XII.....	King	23,262,000	320,975	R. Catholic.
Sweden & Norway.....	Stockholm.....	Oscar II.....	King	6,303,395	293,260	Lutheran.
Switzerland.....	Berne.....	Dr. K. Schenek.....	President.....	2,776,035	15,091	Prot. & R. C.
Turkey.....	Constantinopl.....	Abdul Hamid II.....	Sultan.....	28,165,000	1,742,874	Mahom'dan.
United States.....	Washington.....	Rutherford B. Hayes.....	President.....	49,185,000	3,603,844	Christian.
Uruguay.....	Monte Video.....	L. Latorre.....	Dictator.....	440,000	73,538	R. Catholic.
Venezuela.....	Caracas.....	Gen. F. Alcantara.....	President.....	1,781,194	403,376	R. Catholic.
Wurtemburg.....	Stuttgart.....	Charles I.....	King	1,815,057	7,531	Lutheran.
Zanzibar.....	Zanzibar.....	Seyd B. Bin Said.....	Sultan.....	150,000	625	Mahom'dan.

COMMERCE WITH GREAT BRITAIN.

THE United Kingdom of Great Britain and Ireland, and its dependencies and Colonies, has always been our largest customer for our productions, and was for many years our largest creditor also, sending us her manufactured goods and receiving in return our raw materials in such quantities as she required for home or foreign consumption, and thus having almost always a balance of trade against us, which we were obliged to pay in coin.

Of late years, the balance has been the other way, and a large portion of our bonded debt, held by foreigners, has been paid from this surplus.

It will be interesting and instructive to review this commerce for the 89 years of which we have record of it. In 1790, we imported from Great Britain, merchandise of the value of \$13,563,044, and exported to her and her dependencies, merchandise valued at \$6,888,478, our exports thus being almost exactly one-half of our imports. Our total imports in 1790, were \$23,000,000, and our total exports \$20,205,156. Our total imports in 1878, were \$466,872,846, and our total exports \$722,811,815. In 1878, our imports of merchandise from the British Empire, were \$157,244,953, and our exports of merchandise to the countries comprising that Empire, were \$452,032,886.

The imports and exports of specie and bullion, which were about equal, are excluded in both cases. In other words, our imports are about 12 times as large as they were in 1790, and our exports $65\frac{1}{2}$ times as large. It will be interesting to notice some of the items which made up our early exports to Great Britain, and to compare them with the exports at the present time. In this way we can ascertain, in part, what have been our principal productions, for, as a general rule, a nation exports only those things of which it has a surplus, after supplying its own wants. In rare instances, it has not facilities for working up its raw material to advantage, and exports it, receiving back that material in a manufactured form. This was the case with our cotton, to some extent, for many years, and also with our ores of copper, zinc, &c., and the demand was so great abroad for some of our fruits, that the entire crop was exported. The following table gives our principal articles of export to Great Britain, in 1790. Some of these were goods imported and re-exported by us:

**EXPORTS FROM THE UNITED STATES TO GREAT BRITAIN DURING THE FISCAL YEAR
ENDED SEPT. 30, 1790.**

	Quantity.	Value.
Tobacco, hogsheads.....	73,708	\$2,754,493
Cotton, raw, bales.....	1,403	47,428
Ashes, pot and pearl, tons.....	7,679	747.079
Flax-seed, cakes.....	36,917	219,924
Wheat, bushels.....	292,042	355,361
Corn, bushels	98,407	56,205
Flour, barrels.....	104,880	676,274
Meal, barrels.....	1,401	5,435
Rice, tierces.....	36,930	773,852
Beef and pork, Barrels.....	154	898
Bread, barrels.....	201	610
Butter, firkins,.....	384	2,310
Honey, firkins.....	151	906
Tallow, pounds.....	156,708	17,211
Oil, whale, barrels.....	1,738	21,048
Oil, sperm, barrels.....	3,840	60,000
Tar, barrels.....	71,077	105,510
Turpentine, barrels.....	27,800	71,240
Pitch, barrels.....	7,000	13,920
Seeds and roots.....	...	1,242
Staves and heading.....	...	177,968

	Quantity.	Value.
Lumber . . . . .	...	\$35,204
Timber, scantlings, shingles, &c. . . . .	...	27,402
Leather, pounds.	8,650	2,316
Snuff, pounds.	4,100	1,394
Wax, pounds.	87,294	21,852
Deer-skins. . . . .	...	25,642
Furs. . . . .	...	35,899
Ginseng, casks.	529	32,424
Pig-iron, tons.	3,258	78,676
Bar-iron, tons.	40	2,936
Indigo, pounds.	532,542	473,830
Logwood, tons.	216	3,019
Lignum vite, tons.	75	750
Mahogany. . . . .	...	16,724
Wines, pipes.	45	4,425
Merchandise. . . . .	...	8,041
Unenumerated. . . . .	...	10,330
Total. . . . .	...	\$6,888,978

The indigo, dye, and cabinet woods and wines were of foreign production, as was also, without doubt, the bar-iron and a large quantity of pig-iron. It will be observed that the great Southern staple, tobacco, soon to yield the supremacy to cotton, was of the value of \$2,750,000, or 40 per cent. of the whole export.

We should notice, also, that cotton, before the invention of the cotton gins, was but a very small item, its value being only \$47,428, nearly \$34 per bale, though the bales at this time weighed only 150 pounds. The exports of cereals, wheat, corn, flour and meal, were about \$1,092,000, a small amount as compared with our present export, but almost one-sixth of the whole export to Great Britain at that time.

The amount of provisions exported is very trifling, in marked contrast with our present immense export. There was no marked increase in the export of cotton until 1796, when 5,628,176 pounds were sent to Great Britain, valued at about \$1,407,000. Seven years later, the export to that country was 27,760,574 pounds, worth \$6,107,326, or almost as much as the entire exports to that country 13 years before. The same year (1803), 50,274 hogsheads of tobacco, worth \$4,524,660, were exported to England. These two items making more than five-eighths of the whole export. From this time till 1860, there was a steady increase in each decade, of the cotton export. In 1860, though the price of cotton had fallen to 10 or 12 cents a pound, the export of it to Great Britain and its dependencies, amounted to \$134,929,000, while the total exports to that country, amounted to \$168,960,000, only \$34,000,000 being for all other articles. In 1866, the price of cotton being high, our cotton exports to the British Empire amounted to \$218,772,000, against \$287,516,000 of our total exports to that Empire. During the 12 years since 1866, our exports of cotton to the British Empire, have aggregated \$1,445,064,000, an annual average of \$120,442,000, against \$3,445,037,000 of exports of all kinds of merchandise to that Empire, or an annual average of \$287,089,083; cotton being nearly 42 per cent. of the average exports. The following table gives the aggregate by decades, of imports and exports, and of exports of cotton to the British Empire, for 58 years.

Periods.	Imports.	Exports.	Exports. of Cotton.
1821-30....	\$290,831,000	\$242,482,000	\$185,397,000
1831-40....	475,194,000	462,146,000	378,185,000
1841-50....	464,358,000	570,651,000	378,576,000
1851-60....	1,166,322,000	1,193,350,000	840,436,000
1861-70....	1,343,702,000	1,748,307,000	799,810,000
1871-78....	1,386,576,000	2,588,377,000	1,106,846,000
Total for 58 years...\$5,126,983,000	\$6,805,313,000	\$3,689,250,000	
Annual average... 88,396,000	117,333,000	63,608,000	

Our trade with the United Kingdom during the last 58 years aggregates, in round numbers, \$5,127,000,000 in imports, and 6,805,000,000 in exports, an excess of exports over imports of \$1,687,000,000, which has been used in paying balances to creditor nations.

It was not, however, till 1847, that our exports to the United Kingdom, began, as a rule, to exceed our imports. Since that date there has been but six years out of

31, in which we imported more merchandise from Great Britain than we sent her; these years were 1850, 1852, 1853, 1854 and 1855, and 1864, and as we have said, the excess of our exports in the 58 years since 1820, amounts to \$1,678,000,000.

Let us now give a list of our principal exports to the British Empire in 1878, by way of comparison with those of 1790, on a preceding page.

PRINCIPAL DOMESTIC EXPORTS TO THE BRITISH EMPIRE IN 1878.

	Values.
Agricultural Implements and Machines.....	\$1,102,293
Living Animals of all kinds.....	4,396,453
Bread Stuffs.....	146,304,119
Carriages, Carts and Railroad Cars.....	685,022
Clocks.....	591,425
Coal.....	1,871,277
Cotton, raw.....	117,014,743
Cotton, manufactured.....	3,299,405
Drugs and Chemicals.....	967,438
Fur and Fur Skins.....	2,014,594
Hemp and manufactures of.....	825,135
Hides and Skins.....	673,615
Hops.....	2,122,983
Iron and manufactures of Iron.....	4,266,740
Steel and manufactures of Steel.....	681,761
Leather and manufactures of Leather.....	6,164,904
Musical instruments.....	557,562
Naval Stores.....	1,125,856
Oil Cake.....	5,076,550
Oils, mineral.....	10,001,528
Provisions.....	82,374,578
Sewing Machines.....	611,509
Spirits of Turpentine.....	1,776,216
Refined Sugar and Molasses.....	3,360,879
Tallow.....	3,240,469
Tobacco, manufactured and unmanufactured.....	12,317,788
Wearing apparel.....	270,863
Wood, Timber and manufactures of Wood.....	8,464,287
Total exports.....	\$452,032,886

A comparison of these two lists will show that while the exports of most of the articles which then were staples, have increased enormously, a few have dropped out entirely. We do not export now, pot and pearl ashes, flax-seed, rice, wax, (nor till the present year, honey,) whale and sperm oils, and very small amounts of seeds and roots, ginseng, or indigo, logwood, lignum vitae, or mahogany. We do export some wines, but they are of our own manufacture.

Tobacco, cotton, bread stuffs, provisions, tallow, furs, and naval stores have been sent to England the past year, to the amount of nearly 310 millions of dollars; while mineral oils, which were unknown in 1790; wood in manufactured forms, oil cake, living animals, leather and its manufactures, iron and steel and their manufactures, refined sugar and molasses, hops, agricultural implements, sewing machines, musical instruments, clocks, carriages and railroad cars, manufactured cotton goods, coal and hemp, are among the new articles which figure most largely in our exports, even to Great Britain, after the great staples.

A considerable portion of these new exports are the result directly and indirectly, of our Centennial Exposition here, and that of Paris in 1878; and if we are careful to encourage our agriculture and our manufactures, and to make known our products to the world, it is not too much to hope that before the dawn of the twentieth century, we shall be the leading commercial nation of the world, and New York will be, what London has been for so many years, the financial Capital of the world.

BRITISH AMERICA.

The territory claimed by Great Britain in North America, includes all that portion of the continent lying north of the northern boundary of the United States, except the territory of Alaska.

Its sub-divisions are :

THE DOMINION OF CANADA, THE ISLAND OF NEWFOUNDLAND.

NEWFOUNDLAND, though not a province of the Dominion of Canada, is partially in accord with it, and may be treated under the same general head. The LABRADOR and HUDSON'S BAY REGION are Territories, occupied at wide intervals, by trading posts or forts, and under the Government of the Dominion.

THE DOMINION OF CANADA

consists of the Provinces of Ontario and Quebec—formerly Canada East and Canada West, or Upper and Lower Canada—Nova Scotia, New Brunswick, Manitoba, British Columbia, and Prince Edward Island. The North-western Territories are controlled by the Dominion, but not represented in its Parliament. These Provinces were united under one Government, by the Act of Imperial Parliament, passed in March, 1867, and which took effect July 1, of the same year.

The seat of Government of the Dominion is at OTTAWA.

The Executive Officers of the Dominion Government are a Governor-General and Privy Council of thirteen members, who also constitute the Cabinet of the Governor-General. The present Governor-General, who is the direct representative of the Queen, and answers to the Viceroy of India, though with somewhat more restricted powers, is most Hon. JOHN DOUGLAS CAMPBELL, MARQUIS OF LORNE, K. T. G. C. M. G., born in 1845, and married in 1871 to the PRINCESS LOUISE CAROLINE ALBERTA, fourth daughter of Queen Victoria. The Marquis was appointed Governor-General July 28, 1878, and arrived in the Dominion with the Princess, on the 23d of November, 1878.

His salary is £10,000 (\$50,000) per annum, and a residence.

His civil establishment or personal Staff consists of :

Gov.-General's Secretary—Major J. De Winton, R. A.,

Military Secretary, V. C.—Col. J. C. McNeill, C. B.

Controller—Hon. R. Moreton.

Aides de Camp—Capt. V. Cater, 91st Foot; Hon. C. Harbord, Scots Fusilier Guards.

Dominion Aides de Camp—Lt.-Col. Hewitt Bernard, C. M. G.; Capt. G. R. Layton.

Commander of the Forces—Gen. Sir P. L. McDougall, K. C. M. G.

Assistant Adjutant and Q. M.-General—Lt.-Col. A. S. Cameron, V. C.

Aides de Camp—Lieut. J. C. Barker, R. E.; Capt. Hon. N. F. Elliot.

Commanding the Militia—Lieut.-Gen. Sir E. Selby Smyth, K. C. M. G.

Deputy Governor—Hon. Sir W. B. Richards, Chief Justice of Canada.

THE QUEEN'S PRIVY COUNCIL

for the Dominion, are :

Premier and Minister of the Interior—Sir John A. Macdonald, K. C. B. D. C. L. (Oxon.), Q. C.

Finance Minister—Hon. H. L. Langevin, C. B.

Minister of Public Works—Hon. C. Tupper, C. B.

Minister of Agriculture and Statistics—Hon. John H. Pope.

President of Council—Hon. John O'Connor, Q. C.

Minister of Justice—Hon. J. McDonald, Q. C.

Postmaster-General—Hon. Samuel L. Tilley, C. B.

Minister of Militia—Hon. Louis R. Masson.

Secretary of State—Hon. J. C. Aikens.

Secretary of Marine and Fisheries—Hon. J. C. Pope.

Minister of Customs—Hon. Mackenzie Bowell.

Minister of Inland Revenue—Hon. L. F. G. Baby.

Receiver-General—Hon. Alexander Campbell, Q. C.

Without Portfolio—Hon. R. D. Wilmot.

* * * The members of the Council (except the Premier) receive salaries of £1,440 (\$7,200) per annum. The Premier's salary is £1,643 (\$8,215).

Chief Justice of the Supreme Court and Court of Exchequer for the Dominion—Hon. Sir William Buell Richards, Knt.

Puisne Judges—Hons. W. J. Ritchie, S. H. Strong, T. Fournier, W. A. Henry, Henri E. Tachereau.

The Chief Justice receives an annual salary of £1,646 (\$8,230), and the Puisne Judges £1,440 (\$7,200) each.

THE DOMINION SENATE, according to the Constitution, consists of 77 members, viz.: 24 each for Ontario and Quebec, and 24 for the three Maritime Provinces; 2 for Manitoba and 3 for British Columbia. Provision is also made for the representation of Newfoundland when it shall come into the Dominion. The Northwest Territories have no representatives or delegates in the Parliament. The members of the Senate are nominated for life by summons of the Governor-General, under the Great Seal of Canada. Each Senator must be 30 years of age, a born or naturalized subject, and possessed of property, real or personal, of the value of \$4,000, in the Province for which he is appointed. The Speaker of the Senate has a salary of \$4,000 per annum. Each member of the Senate receives \$10 a day for attendance on the sessions up to 100 days, but nothing beyond. They are also allowed 10 cents a mile for traveling expenses. There are at present but 72 Senators, whose names and residences are as follows:

Hon. John Hamilton.....	Kingston	Hon. John Ferguson, Bathurst, New Brunswick
" Benjamin Seymour.....	Port Hope	" B. D. Wilmot.....Belmont, Sunbury
" Walter H. Dickson.....	Niagara	" A. R. McClelan.....Hopewell, Albion Co.
" James Shaw.....	Smith's Falls	" J. C. Chapais.....St. Denis, Kam.
" Alexander Campbell.....	Toronto	" James R. Benson.....St. Catharines
" David Christie.....	Paris	" John Glasier.....Sunbury, N. B.
" James Cox Aikins.....	Toronto	" James Dever.....St. John, N. B.
" David Reesor.....	Markham	" A. W. McLelan.....Londonberry
" Elijah Leonard.....	London	" A. Macfarlane.....Wallace, N. S.
" William McMaster.....	Toronto	" Jeremiah Northrup.....Halifax
" John Simpson.....	Bowmanville	" Frank Smith.....Toro to
" James Skead.....	Ottawa	" Robert Read.....Belleville
" David L. Macpherson.....	Toronto	" M. A. Girard.....St. Boniface, Manitoba
" Donald McDonald.....	Toronto	" J. Sutherland.....Keldonan, "
" Bill Flint.....	Belleville	" R. W. W. Carrall.....Barkerville, Brit. Col.
" George W. Allen.....	Toronto	" C. F. Cornwall.....Ashcroft "
" Jacques O. Bureau.....	Montreal	" W. J. McDonald.....Victoria "
" Luc Letellier De St. Just.....	Riviere Ouelle	" H. A. N. Kaulbach.....Lunenburg
" John Hamilton.....	Hawkesbury	" M. H. Cochrane.....Compton
" Charles Cormier.....	Plessisville	" William Muirhead.....Chatham, N. B.
" David E. Price.....	Quebec	" Alexander Vidal.....Sarnia
" L. Dumouchel.....	Longueuil	" Eugeno Chinc.....Quebec
" Louis Lacoste.....	Boucherville	" George Alexander.....Woodstock
" J. F. Armand.....	Riviere des Prairies	" J. H. Bellerose.....St. Vincent de Paul
" Charles Wilson.....	Montreal	" D. Montgomery.....Park Corner
" William H. Chaffers.....	St. Cesaire	" R. P. Haythorne.....Charlottetown
" Jean B. Guevremont.....	Sorel	" T. H. Haviland.....Charlottetown
" James Ferrier.....	Montreal	" George W. Howlan.....Alberton
" Thomas Ryan.....	Montreal	" F. X. A. Trudel.....Montreal
" T. D. Archibald.....	Sydney, Cape Breton	" George A. Brown.....Toronto
" Robert B. Dickey.....	Amherst	" R. W. Scott.....Ottawa
" John Bourinot.....	Sydney	" E. G. Penny.....Montreal
" William Miller.....	Arichat	" Pierre Baillargeon.....Quebec
" A. E. Botsford.....	Westcock, Wind	" A. H. Paquet.....St. Cuthbert
" William H. Odell.....	Fredericton	" Hector Fabre.....Quebec
" David Wark.....	Fredericton	" Christian H. Pozer.....Beaune

Hon. David Christie is Speaker of the Senate, and Robert Lemoine, Clerk of the Parliaments.

The House of Commons, or Representative House of the Canadian Parliament, is elected by the people for five years, at the rate of one representative for every 17,000 souls. On the basis of the Census of 1871, it consists of 206 members, viz: 88 for the Province of Ontario, 65 for Quebec, 21 for Nova Scotia, 16 for New Brunswick, 4 for Manitoba, 6 for British Columbia, and 6 for Prince Edward's Island. The constituencies vary in the different Provinces. In Ontario and Quebec, a vote is given to every male subject being the owner, or occupier, or tenant, or real property of the assessed value of \$300, or of the yearly value of \$30, if within cities and towns, or of the assessed value of \$200, or the yearly value of \$20, if not in towns. In New Brunswick a vote is given to every male subject of the age of 21 years, assessed in respect of real estate to the amount of \$100, or of personal property, or personal and real, amounting together to \$400, or \$400 annual income. In Nova Scotia, the franchise is with all subjects, of the age of 21 years, assessed in respect of real estate to the value of \$150, or in respect of personal estate, or real and personal together, to the value of \$400. Voting in Quebec, Ontario, Nova Scotia, Manitoba, British Columbia, and Prince Edward's Island, is open, or *viva voce*, but in New Brunswick, votes are taken by ballot. The Speaker of the House of Commons has a salary of \$4,000 per annum, and each member \$10 per day up to the end of 30 days, and for a session lasting longer than this period, the sum of \$1,000 with, in every case, 10 cents per mile for traveling expenses. Eight dollars per day is deducted for every day's absence of a member during the session, unless the absence is caused by illness.

The Dominion Parliament answers to the Congress of the United States, and its legislation concerns solely the National or Dominion affairs. Each of the seven Provinces has its own Lieutenant-Governor and Executive Council. Ontario, Manitoba and British Columbia have only a House of Assembly in addition for legislative action; but Quebec, New Brunswick, Nova Scotia and Prince Edward's Island have each a Legislative Council and Legislative Assembly. The Executive Council and Provincial Cabinet of Ontario consists of six members, viz: An Attorney-General, Treasurer, Commissioner of Crown Lands, Commissioner of Public Works, Minister of Education, and Provincial Secretary. The House of Assembly has 82 members. Hon. D. A. Macdonald, of Toronto, is Lieutenant-Governor. The Lieutenant-Governor of the Province of Quebec was, in January, 1879, Hon. Luc. Letellier de Just, but his removal has been requested; there is an Executive Council of 7 members, viz: Premier and Minister of Agriculture and Public Works, Commissioner of Crown Lands, Treasurer, Provincial Secretary and Registrar, Speaker of Legislative Council, Attorney-General, and Solicitor-General. The Legislative Council consists of 24 members, and the Legislative Assembly of 65 members. The Seat of Government is Quebec.

Hon. E. B. Chandler, Q. C., is Lieutenant-Governor of the Province of New Brunswick. The Executive Council consists of 9 members, a President, Attorney-General, Provincial Secretary, Surveyor-General, Chief-Commissioner of Board of Works, and four members without other office. The Legislative Council consists of 17 members, and the House of Assembly of 41 members. The Seat of Government is Fredericton. The Lieutenant-Governor of the Province of Nova Scotia is Hon. Adams George Archibald. There are 9 members of the Executive Council (besides 8 retired members who may participate in its deliberations), viz: Treasurer, Attorney-General, Provincial Secretary, Commissioner of Public Works and Mines, Commissioner of Crown Lands, and four members without other office. The Legislative Council consists of 19 members, and the House of Assembly of 38. The Seat of Government is Halifax.

The Lieutenant-Governor of Prince Edward's Island is Sir Robert Hodgson, Knight. The Executive Council consists of 9 members, namely : Attorney-General, Minister of Public Works, Provincial Secretary and Treasurer, and six members without office. The Legislative Council has 13 members, and the House of Assembly 30 members. The Seat of Government is Charlottetown.

The Lieutenant-Governor of the Province of Manitoba, is Hon. Joseph Edward Cauchon. The Executive Council has 5 members, Provincial Treasurer, who is also Premier, Provincial Secretary and Attorney-General, and Minister of Public Works. The Legislative Assembly has 24 members. The Seat of Government is Fort Garry.

The Province of British Columbia has Hon. Albert N. Richards, Q. C., for its Lieutenant-Governor. Its Executive Council consists of 5 members, viz : The Attorney-General and Provincial Secretary, the Minister of Finance and Agriculture, and the Chief Commissioner of Land and Works. The Legislative Assembly has 25 members. Victoria, Vancouver's Island, is the Seat of Government.

The North-west Territories are so far organized as to have a Lieutenant-Governor, Hon. David Laird, and an Executive Council of 5 members, which includes the two Stipendiary Magistrates, and the Commissioner of Police. The Seat of Government is at Battleford.

JUDICIARY OF THE DOMINION.—The Dominion has only two Courts. The Supreme Court, or High Court of Appeal, composed of a Chief Justice and five Puisne Judges, viz: Hon. William Buell Richards, Chief Justice; Hon. William Johnston Ritchie, Hon. Samuel Henry Strong, Hon. Jean Thomas Taschereau, Hon. Telesphore Fournier, and Hon. William Alexander Henry, Puisne Judges. R. Casselles, Jr., is the Registrar of the Court—this Court has appellate, civil and criminal jurisdiction within and throughout the Dominion of Canada. It holds, annually, two sessions, in January and June, at Ottawa, at which place the Judges reside. The Exchequer Court, presided over by the same Judges, possesses concurrent original jurisdiction in the Dominion, in all cases in which it is sought to enforce any law relating to the revenue, and exclusive original jurisdiction in all cases in which demand is made, or relief sought, in respect of any matter which might, in England, be the subject of a suit or action in the Court of Exchequer, on its revenue side, against the Crown or an officer of the Crown. In each of the Provinces, there are Provincial Courts of Appeal, of Queen's Bench, of Common Pleas, Chancery, County and Division Courts, more or less numerous, according to the population and necessities of the Provinces.

AREA AND POPULATION.—The area of the seven Provinces of the Dominion, and of the outlying colony of Newfoundland, and their population, in 1871, were as follows:

PROVINCES.	AREA, ENGLISH SQ. MILES.	POPULATION, 1871 to 1877.		
		MALES.	FEMALES.	TOTAL.
Ontario.....	106,935	828,590	792,261	1,620,851
Quebec.....	193,355	596,041	595,475	1,191,516
Nova Scotia.....	21,731	193,792	194,008	387,800
New Brunswick.....	27,322	145,888	136,706	285,594
Manitoba and N. W. Territories.....	2,947,923	.....	.....	125,000
British Columbia.....	225,500	.....	.....	50,000
Prince Edward's Island.....	2,173	47,121	46,900	94,021
Newfoundland.....	40,200	75,547	70,989	161,389
Totals.....	3,555,149			3,916,171

The population of the Dominion has increased with considerable rapidity since 1871. About 358,000 immigrants had arrived in the Dominion, up to the close of 1876, of whom 210,000 are known to have actually settled in the Provinces—this is exclusive of the natural increase, as well as of persons who have migrated from the United States to Canada. The population of the Dominion and Newfoundland is now, 1879, probably about 4,500,000.

The finances of the Dominion of Canada have not been for some years past in a prosperous condition, though there are some indications of improvement. The public debt of the Dominion July 1, 1877, was £35,892,453 (\$179,462,265); about \$100,000,000 of this debt was payable in England.

In proportion to her population this debt was as great as that of the United States, and in proportion to the wealth of the two countries, considerably larger. Since 1877, however, while the aggregate amount of the Canadian debt may have slightly increased, her means for paying it have largely increased also, and her relative financial position is better than it was two or four years ago.

The public revenue of the Dominion for the year ending June 30, 1878, was £4,532,721 (\$22,663,605), and its expenditures £4,832,726 (\$24,163,630), showing a deficiency of \$1,500,000. The extravagance and wastefulness of former Administrations is not likely to be repeated at present.

In the year ending June 30, 1878, the total imports into Canada were £19,125,-084 (\$95,625,420); and the total exports were £16,298,267 (\$81,491,335); showing an excess of imports of \$14,134,085. The imports from Great Britain into the Dominion in 1877-78 were £7,584,480 (\$37,722,400), and the total exports to Great Britain, £11,186,195 (\$55,930,975).

The trade with the United States was also very large, the commodities imported from the United States being of the value of \$49,631,700; and the exports from the Dominion to the United States, \$27,971,193.

EXPORTS AND IMPORTS.

The following table gives the exports and imports, from all countries, and those from Great Britain and the United States, for the years 1875, 1876, 1877, and 1878:

Years.	GREAT BRITAIN.		UNITED STATES.		TOTAL COMMERCE.		AM'T TO OTHER COUNTR'S	
	Exports.	Imports.	Exports.	Imports.	Expor's.	Imports.	Exports.	Imports.
June 30, 1875.	\$48,079,635	\$42,070,695	\$32,763,870	\$50,830,820	\$77,886,979	\$123,070,283	\$3,659,936	\$6,537,893
" 1876.	51,923,525	31,513,615	39,930,607	\$1,188,506	88,966,435	98,210,836	6,412,303	13,513,725
" 1877.	55,930,975	37,922,400	25,933,467	\$1,023,361	75,875,393	94,211,180	.....	4,875,319
" 1878.	.....	.....	27,971,193	49,631,700	81,491,335	95,625,420	.....	.....

TONNAGE OF THE DOMINION OF CANADA.

STATEMENT SHOWING THE NUMBER OF VESSELS AND NUMBER OF TONS ON THE REGISTRY BOOKS OF THE DOMINION OF CANADA ON DECEMBER 31,
1873, 1874, 1875, 1876, AND 1877.

PROVINCES.	1873.		1874.		1875.		1876.		1877.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
New Brunswick..	1,147	277,850	1,144	294,741	1,133	307,926	1,154	324,513	1,133	329,457
Nova Scotia.....	2,803	449,701	2,787	479,669	2,786	505,144	2,869	529,252	2,961	541,579
Quebec.....	1,842	214,043	1,837	218,946	1,831	222,065	1,902	228,502	1,951	218,399
Ontario.....	681	89,111	815	113,008	825	114,990	89	123,947	926	131,791
Prince Ed. Island..	280	38,918	312	48,388	325	50,677	338	50,692	342	55,547
British Columbia..	30	4,095	35	3,611	40	3,685	40	3,809	43	3,809
Manitoba.....	.....	.....	2	178	2	178	6	178	6	178
Total.....	6,783	1,073,712	6,930	1,158,363	6,942	1,205,565	7,194	1,260,893	7,362	1,310,760

miles more had been surveyed and concessions granted by the Government. A railway has been projected, crossing the whole Dominion, from the Atlantic to the Pacific, intended to bind British Columbia to the Eastern Provinces, and the British Government has guaranteed a loan of \$12,500,000 in aid of this enterprise.

POSTAL FACILITIES AND POST-OFFICES.—There were, June 30, 1876, in the Dominion, 4,893 post-offices. The uniform rate of postage, of three cents, has been established all over the Dominion. The number of letters and postal cards sent through the post-office during the year 1875, was 34,510,000; the number of newspapers, 23,500,000. There are in all the principal cities and towns of Ontario and Quebec, Post-Office Savings Banks, in which any person may leave a deposit account, and may deposit any sum yearly, from \$1 to \$300, the Dominion paying interest at the rate of 4 per cent., compounded annually. Depositors may make their deposits in any P. O. Savings Bank, and on their removal, may continue at any other, and draw the entire amount of deposit from the P. O. Savings Bank nearest them, by applying to the Postmaster-General at Ottawa.

BANKS.—There were, on the 1st of Jan., 1876, 289 Banks and branches in the Dominion, and their condition was as follows:

Total Authorized Capital \$68,966,666, of which \$64,899,321 had been subscribed, and \$61,270,220 paid up. The amount of their circulation was \$20,831,009, of their deposits, \$64,553,720; their total liabilities \$89,271,144; of their assets, \$6,276,273, or about 10 per cent. of their capital, was in specie, and \$30,717,467 was immediately available, while their total assets amounted to \$167,155,600 or almost twice their liabilities.

FIRE INSURANCE.—The following are the Statistics of Fire Insurance Companies doing business in Canada, January 1, 1876.

	Am't of Policies written	Am't at Risk, at date.	Losses paid.
	Net Cash Prem.	written within the year.	
Canadian Companies.....	\$1,646,654	\$168,896,111	\$190,284,543
British Companies.....	1,683,715	166,953,268	154,835,931
American Companies.....	264,305	17,357,605	19,300,555

FISHERIES OF THE DOMINION.—The Fisheries form a very important portion of the industry and wealth of the Dominion of Canada. At the close of 1875, the following were the official statistics of their yield and value:

Nova Scotia	\$5,573,851.58
New Brunswick	\$2,427,654.16
Quebec	\$1,594,259.15
Ontario	453,194.00
British Columbia, Manitoba and North-Western Territories (estimated)	434,723.00
Newfoundland and Labrador (exports only)	2,983,485.00
	\$13,468,166.89

This total is, doubtless, far below the truth, as many items are not recorded—such as the home consumption of Newfoundland and Labrador, the yield and value of the rivers, smaller lakes and streams of the interior, etc.

EDUCATION.—The School systems of Ontario, Quebec and New Brunswick, are quite efficient and furnish primary instruction which compares very favorably with that of many of the States of the American Union. Nova Scotia, Prince Edward's Island and Newfoundland are less complete and effective, while those of British Columbia and Manitoba are as yet in an unorganized condition.

Higher education is very liberally provided for. There are seven universities, and fifteen Colleges, (some of them affiliated with the universities) in the Dominion, and a large number of Collegiate Institutes, Female Colleges, Young Ladies' Seminaries, &c., &c. Most of the Universities have faculties of Theology, Law and Medicine, and several of them Scientific Schools also, presided over by eminent scientists. There are two Normal Schools and a model Training School in the Province of Ontario, and three Normal Schools in the Province of Quebec. There are also similar schools in New Brunswick and Nova Scotia. There are County High Schools in Ontario, and to some extent in Quebec and New Brunswick. At the close of the year 1875, there were in the Province of Ontario, 5,258 educational institutions of all kinds, with 494,065 pupils, and \$4,212,360 was expended annually in their support. Of these, 4,834 were public schools, with 474,241 pupils.

RELIGIOUS DENOMINATIONS.—The Roman Catholics are the most numerous religious denomination, its adherents numbering, in 1871, 1,492,029; eighty-five per cent. of these were, however, in the Province of Quebec, and they had a plurality also in New Brunswick. In Ontario the Presbyterians were most numerous, while the Methodists and the Anglican Church were not far behind. The Baptists are next in numbers to these three denominations, and there are also some Lutherans, Congregationalists, and a small number of several minor denominations.

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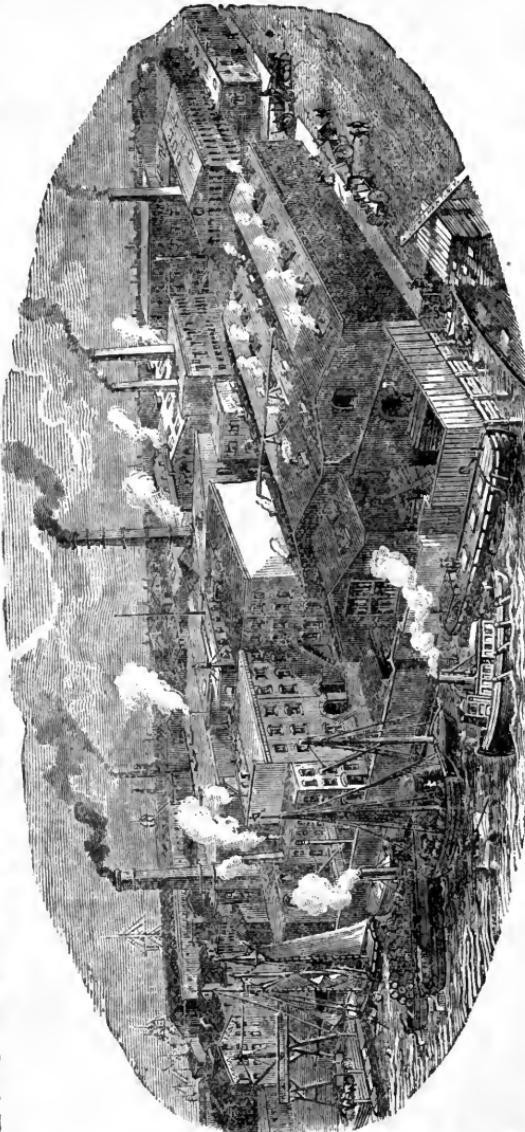
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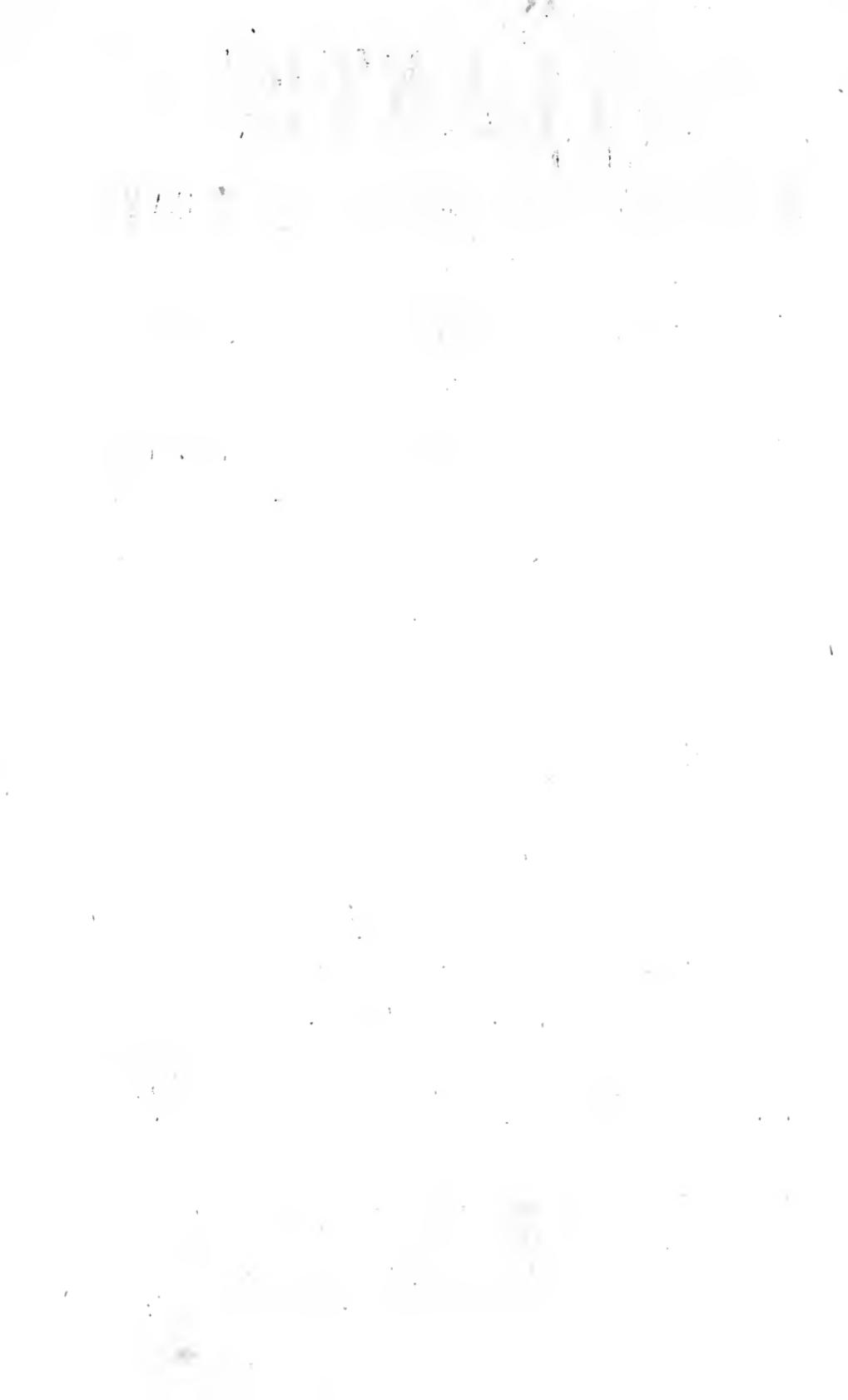
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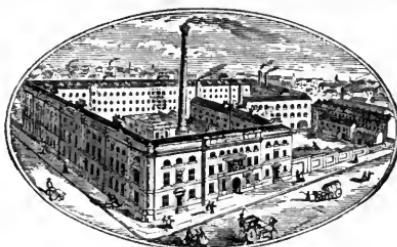
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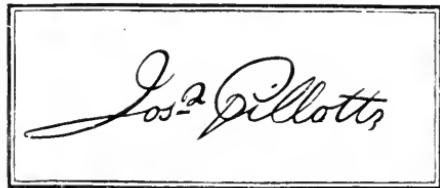
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